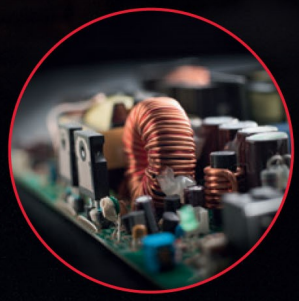
Sunny

Your only power source

2024



The Professional Power Supply Designer and Manufacturer!

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Wall Mount Power Supplies

SYS1052-W2E series	
SYS1001-W2E series	
SYS1121-Wxx 6W series	
SYS1638-Wxx series	
SYS1058-W2E series	projects only
SYS1561-Wxx series	
SYS1121-Wxx 12W series	
SYS1381N-Wxx series	
SYS1529-Wxx series	
SYS1128-W2E series	projects only
SYS1888-Wxx/T2 series	clearance sale
SYS1181-W2E 18W series	ask for MOQ
SYS1181-Wxx 18W series	ask for MOQ
SYS1621-TYPE C 20 W2E series	
SYS1621-TYPE C 20 W2F series	
SYS1308-Wxx series	clearance sale
SYS1308N-Wxx 24W series	
SYS1541-Wxx 24W series	
SYS1308N special	
SYS1588-W2E 30W series	
SYS1588-Wxx 30W series	
SYS1588-W2E 40W series	ask for MOQ
SYS1588-Wxx 40W series	
SYS1621-W2E 30W-60W series	
SYS1621-Wxx 30W-60W series	
SYS1621-TYPE C 60-T2 W2F series	

Desktop Power Supplies

PoE-M3 series	clearance sale
SYS1001-T2 6W series	
SYS1001-T2 12W series	
SYS1181-T2 series	ask for MOQ
SYS1181-M3 series	ask for MOQ
SYS1544-T2 series	
SYS1544-T3 series	
SYS1319-T3 series	clearance sale
SYS1588-T2 30W series	
SYS1588-T3 30W series	
SYS1546-T2 series	
SYS1546-T3 series	
SYS1588-T2 40W series	
SYS1588-T3 40W series	
SYS1548-T2 series	
SYS1548-T3 series	
SYS1649-T3 series	
SYS1621-TYPE C 60-T2 series	
ATS-65W series	
SYS1575-M3 series	
SYS1576-M3 series	
STD-120W series	
ATS-160W series	
ATS-200W series	

LED Drivers

SYL1460-Wxx series	

DIN Rail Power Supplies

YSDS series	
YSDL series	on request
YSDH series	on request
YSDN series	
YSDT series	on request
YSDW series	on request

Car adapters

RY-CC24U2 (Dual Car Charger 1205)	

Power cords | Cables | Connectors

IEC320-C5 series	
IEC320-C7 series	
IEC320-C13 series	
Extension cable USB	
Extension cable Plug to S/T	
Extension cable Plug and Plug	
Extension cable Jack to S/T	
Extension cable Jack and Plug	
Extension cable Switch	
Cable Splitter	
Cable Splitter Chain	
Reduction connectors	

Wall mount SYS1052-W2E series 3W~6W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *52 × 37 × 62 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Basic Models	Voltage DC [4.0V~24V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1052-0605-W2E	**5**	**0~1.2**	**6**	**200**	**2.1x5.5x11**
SYS1052-0606-W2E	**6**	**0~1.0**	**6**	**200**	**2.1x5.5x11**
SYS1052-06075-W2E	**7,5**	**0~0.8**	**6**	**200**	**2.1x5.5x11**
SYS1052-0609-W2E	**9**	**0~0.66**	**6**	**200**	**2.1x5.5x11**
SYS1052-0312-W2E	**12**	**0~0.25**	**3**	**200**	**2.1x5.5x11**
SYS1052-0612-W2E	**12**	**0~0.5**	**6**	**200**	**2.1x5.5x11**
SYS1052-0615-W2E	**15**	**0~0.4**	**6**	**200**	**2.1x5.5x11**
SYS1052-0618-W2E	**18**	**0~0.33**	**6**	**200**	**2.1x5.5x11**
SYS1052-0624-W2E	**24**	**0~0.25**	**6**	**200**	**2.1x5.5x11**

Features:

Certified plugs Wxx = W2E - Europe | W2 - USA,Canada,Japan | W3U - UK | W2A - Australia | W2C - China

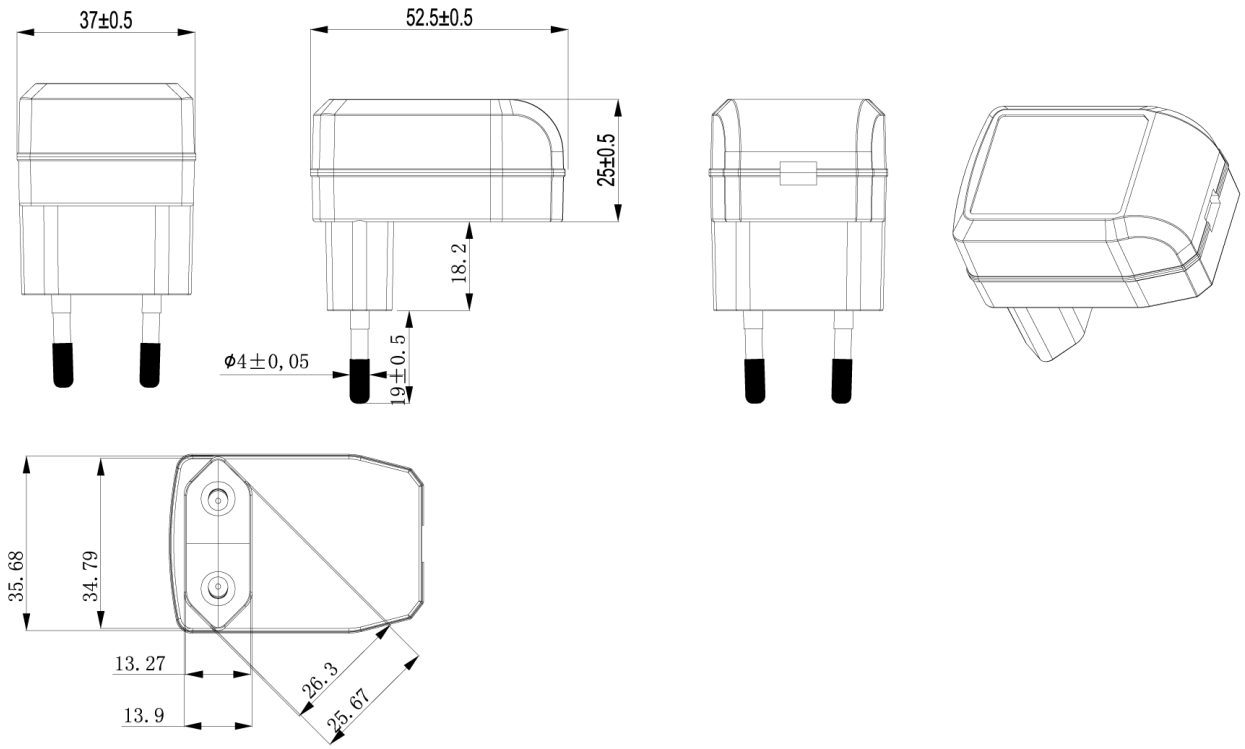
For all models, the minimum rising step of output voltage is 0.1V - 4.0V~24V 6W max | Private Label Marking Available | 2 Years Warranty

OUTPUT	
Turn delay	5000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	Meet DOE level VI
Burn in limit	220VAC 80% Load (Ref) 4 hours & 40°C + 5°C -0°C
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.2A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	< 5 mA max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto
Over Voltage	The power supply will not be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II

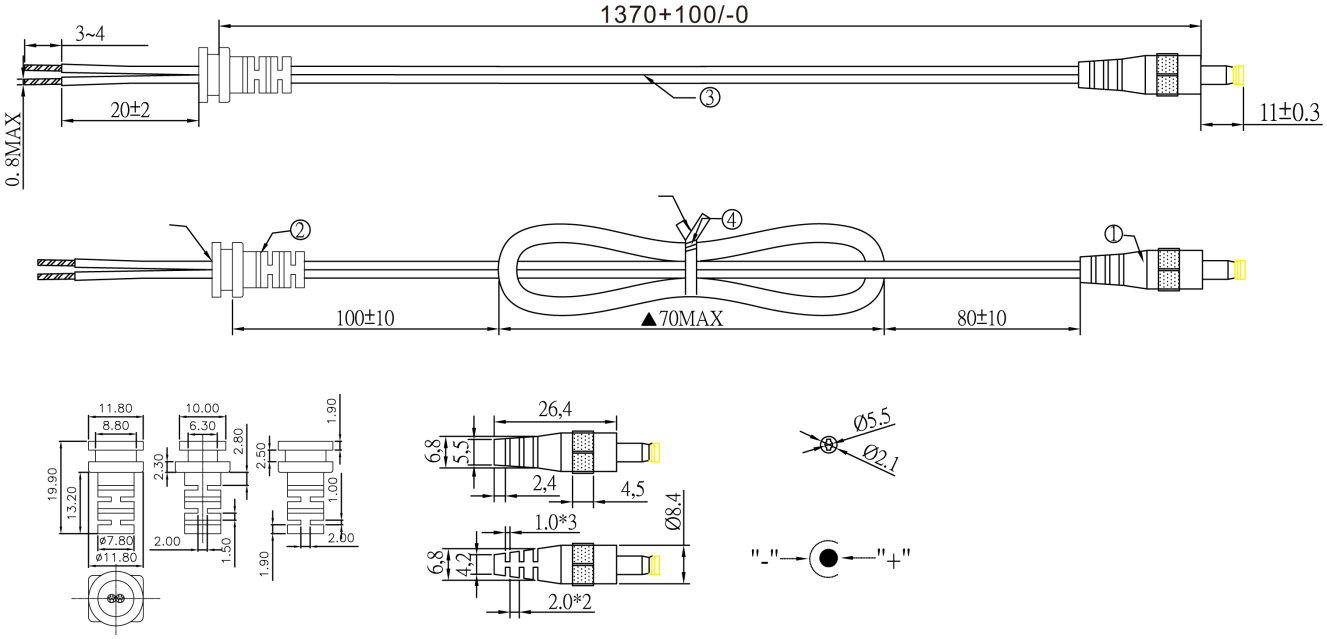
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
GS | CE | CB | UKCA	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 56g/pc	
GW: 73g/pc	
PACKING	
Box	100 pcs/1 box

Mechanical specification:

W2E - Europe version



Cable specification:



Wall mount SYS1001-W2E series 3.3W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *64 × 27 × 39 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1001-0303-W2E	**3.3**	**0~1**	**3.3**	**200**	**2.1x5.5x11**

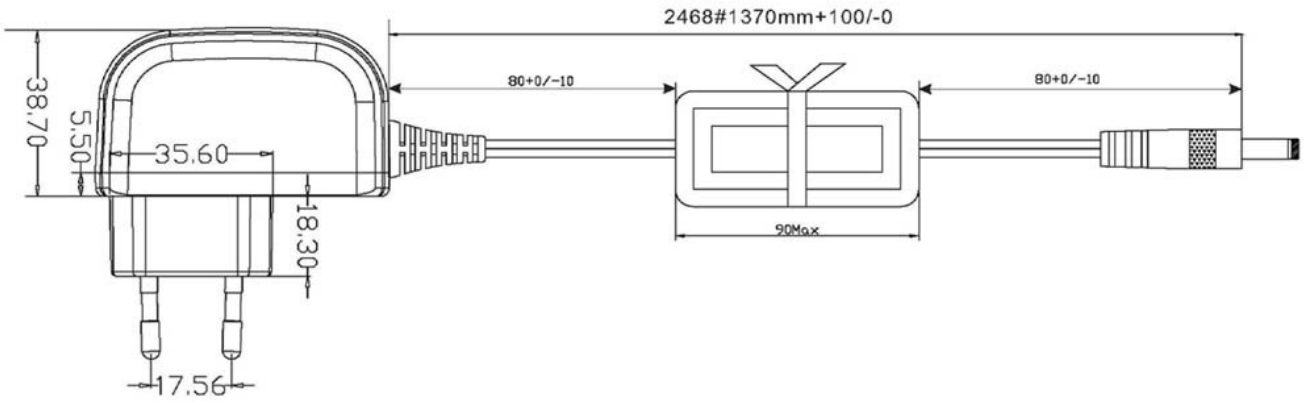
Features:

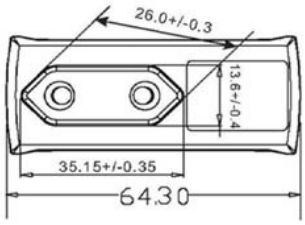
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	3000 ms max @ AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	>70.4%@115v/60HZ,230V/50HZ input &Full load
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.1W rms max. At AC nominal input@output no load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms @ AC low line input and DC output full load
Inrush Surge Current (cold start)	30/40A max@power supply cold start,ambient temperature 25°C @100Vac/230Vac nominal AC input
leakage current	5mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground and auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance of less than
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	The switching adaptor use 0.68/4.7/10 Ω resistance fuse.
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

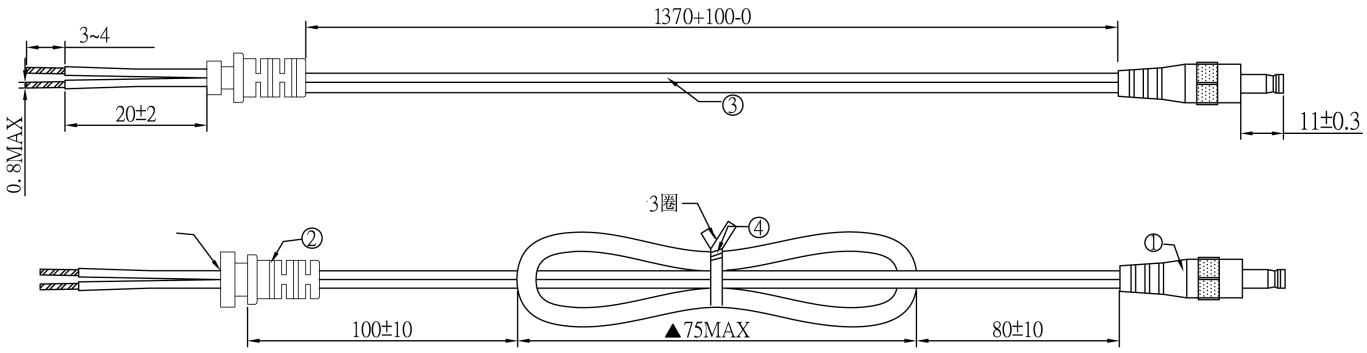
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
GS | CE | CB | EAC	
OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condens-ing
WEIGHT	
1PC	NW: 65g/pc
	GW: 80g/pc
PACKING	
PE plastic bag	100 pcs /1 box

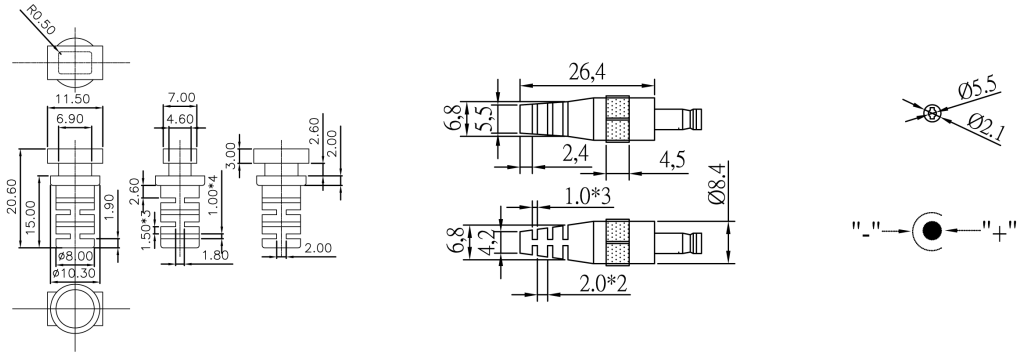
Mechanical specification:





Cable specification:





Wall mount SYS1121-Wxx series 6W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40[°C]*

Dimension : *68 × 42 × 29 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Basic Models	Voltage DC [4.0V~24V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1121-0605-Wxx	**5**	**0~1.2**	**6**	**200**	**2.1x5.5x11**
SYS1121-0606-Wxx	**6**	**0~1.0**	**6**	**200**	**2.1x5.5x11**
SYS1121-06075-Wxx	**7,5**	**0~0.8**	**6**	**200**	**2.1x5.5x11**
SYS1121-0609-Wxx	**9**	**0~0.66**	**6**	**200**	**2.1x5.5x11**
SYS1121-0612-Wxx	**12**	**0~0.5**	**6**	**200**	**2.1x5.5x11**
SYS1121-0615-Wxx	**15**	**0~0.4**	**6**	**200**	**2.1x5.5x11**
SYS1121-0618-Wxx	**18**	**0~0.33**	**6**	**200**	**2.1x5.5x11**
SYS1121-0624-Wxx	**24**	**0~0.25**	**6**	**200**	**2.1x5.5x11**

Features:

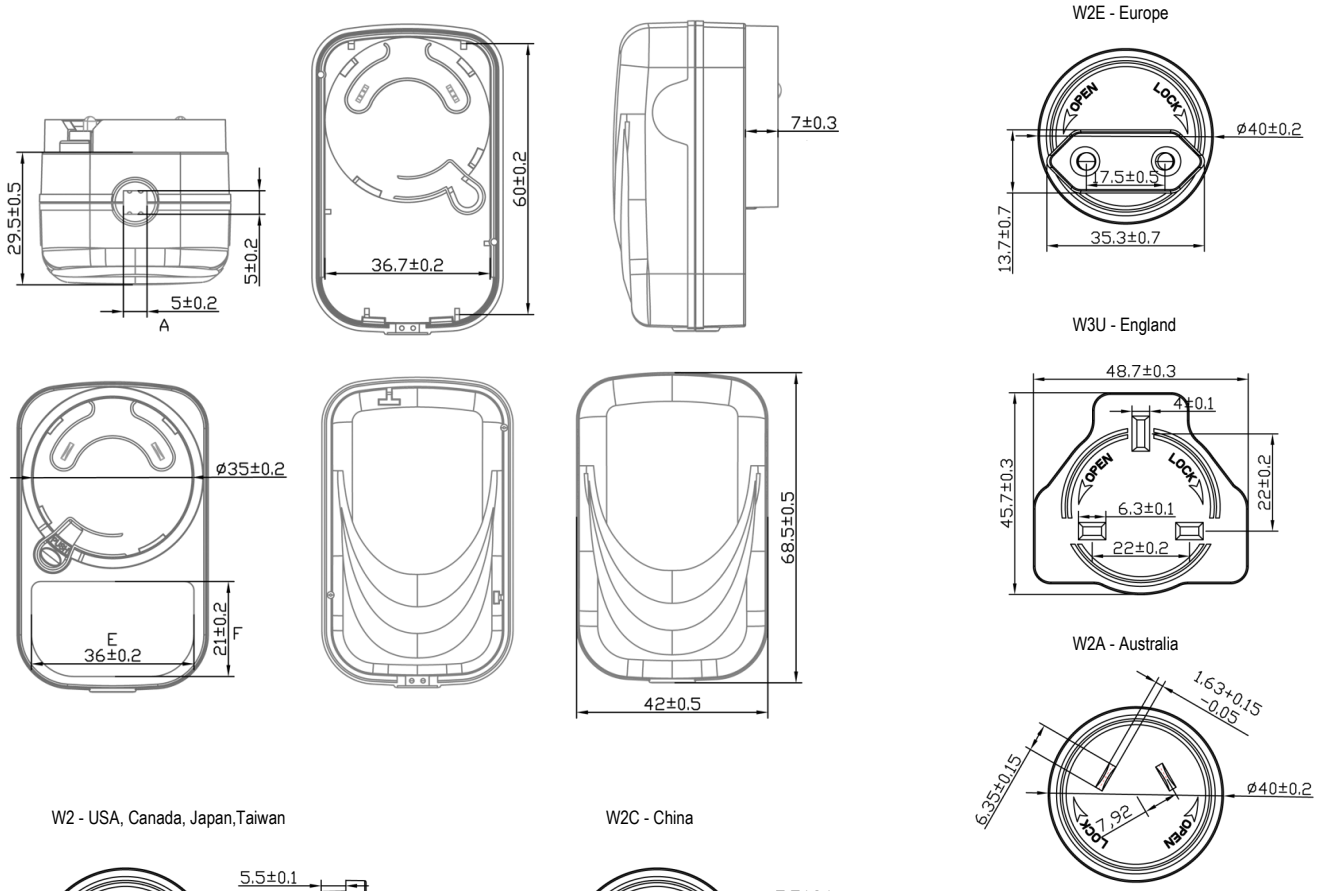
Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2C - China

For all models, the minimum rising step of output voltage is 0.1V - 4.0V~24V 6W max | Private Label Marking Available | 2 Years Warranty

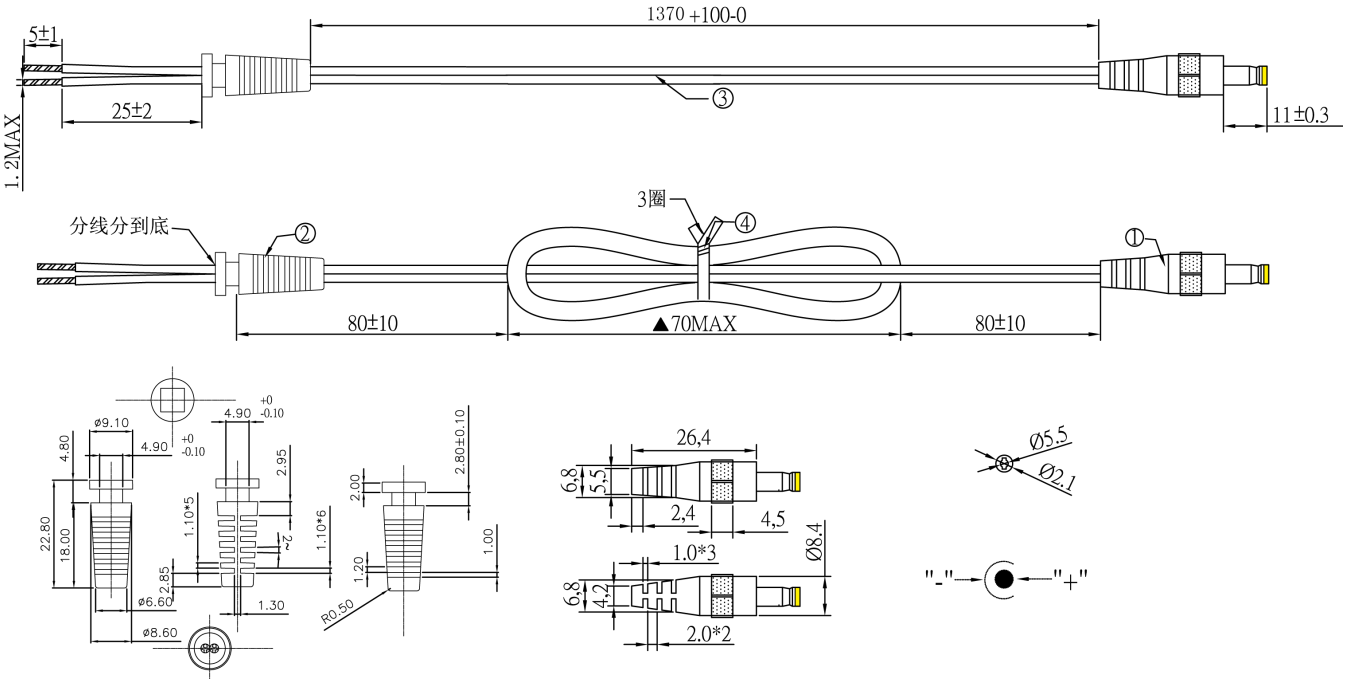
OUTPUT	
Turn delay	3000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	Meet DOE level VI
Burn in limit	220VAC 80% Load (Ref) 4 hours & 40°C + 5°C -0°C
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	< 5 mA max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto
Over Voltage	The power supply shall be self-recovering when the fault condi-
Input protection	F1:1A 250V Fuse The power supply shall be protected against
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cUL | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | LVD | UKCA | BS | BSMI | CCC	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 69 g/pc (without plugs) + W2E plug 24g; W3U plug 19g; W2 plug 13g; W2A plug 13g	
GW: 89 g/pc (without plugs)	
PACKING	
Box	100 pcs/1 box

Mechanical specification:



Cable specification:



Wall mount SYS1638-Wxx series 6W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1638-0605-Wxx	**5**	**0~1.2**	**6**	**250**	**2.1x5.5x11**
SYS1638-0605-Wxx	**5**	**0~1.2**	**6**	**250**	**Mini USB**
SYS1638-0605-Wxx	**5**	**0~1.2**	**6**	**250**	**Micro USB**
SYS1638-0605-Wxx	**5**	**0~1.2**	**6**	**250**	**USB inlet**
SYS1638-0612-Wxx	**12**	**0~0.5**	**6**	**200**	**2.1x5.5x11**

Features:

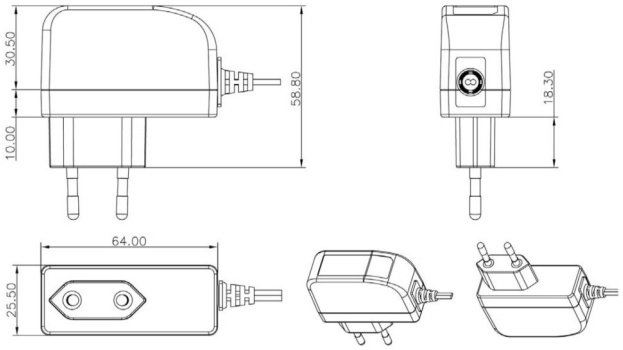
Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2C - China | W2K - Korea
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	3000ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load
Efficiency (Normal)	>79.03%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.6V dv max At AC nominal input loading from 20%load to 80% load
	Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	6W
Burn in limit	Full load 2 Hours
Power consumption	0.075W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25ºC @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%. (Voltage limit)
Input protection	F1 1A/250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

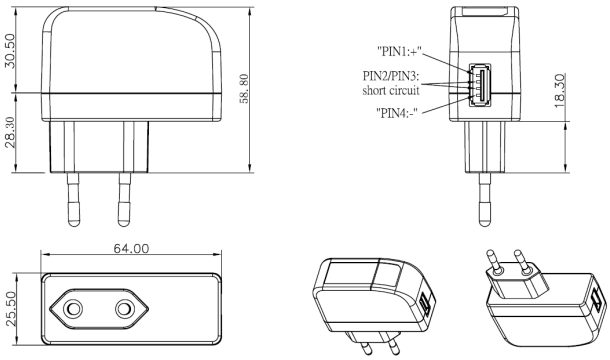
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | GS | FCC | cULus | UKCA	
OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:4000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / ºC
ENVIRONMENT	
Temperature	Operating: 0~40ºC / Storage: -20~85ºC
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condens-ing
WEIGHT	
1PC	NW: 79g/pc
	GW: 95g/pc
PACKING	
PE plastic bag	100 pcs /1 box

Mechanical case specification:

1) SYS1638-series (EU)

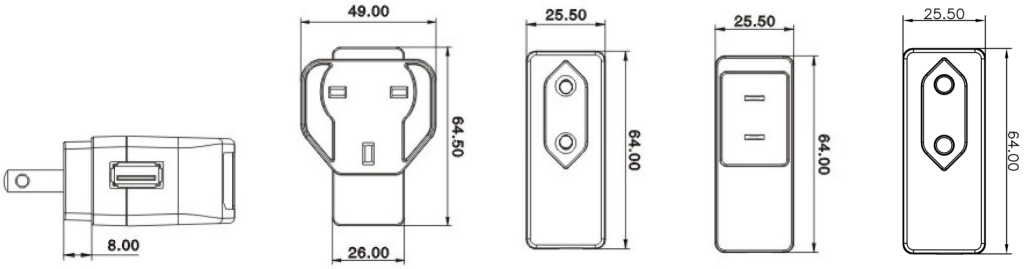


2) SYS1638- series (EU) / USB inlet



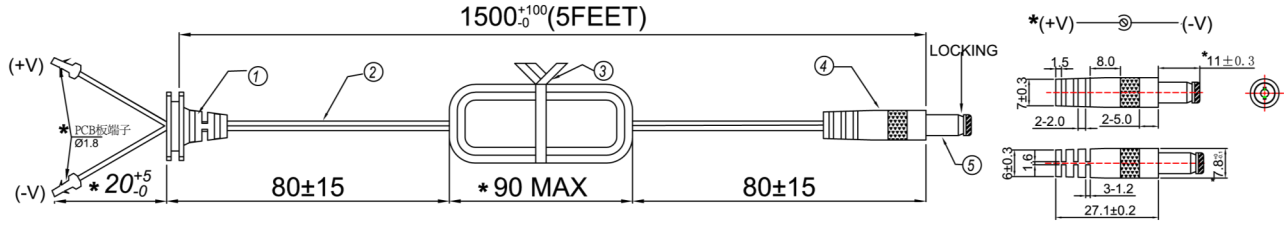
Mechanical specification (country housing):

US / Japan type (W2) | UK type (W3U) | Europe type (W2E) | China type (W2C) | Korea (type W2K)

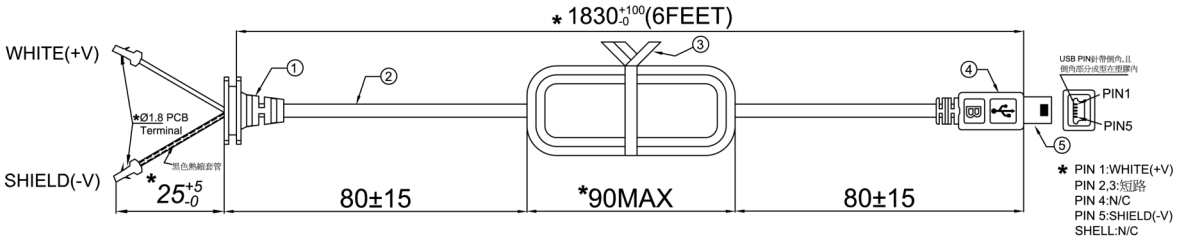


Cable specification:

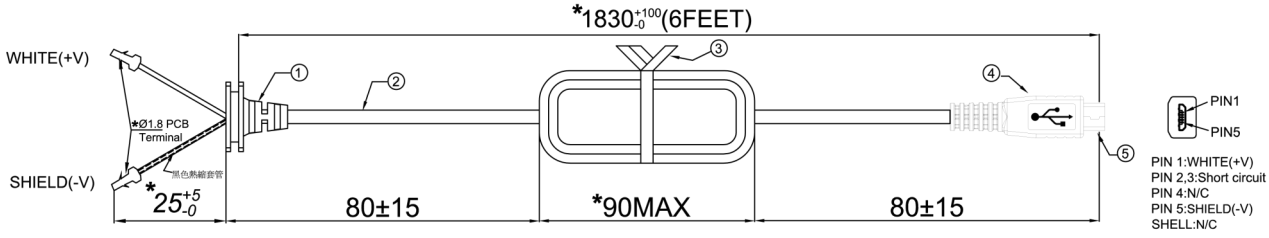
a) 2.1*5.5*11 (2468#22*2C/ 5FT)



b) mini USB (1185#22*1C+SHIELD / 6FT)



c) micro USB (1185#22*1C+SHIELD / 6FT)



Wall mount SYS1058-W2E 6W

EN 61558 **GREEN MODE** **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 61 x 40 x 78 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1058-0503-W2E	**3,3**	**0~1.5**	**5**	**200**	**2.1x5.5x11**
SYS1058-0605-W2E	**5**	**0~1.2**	**6**	**200**	**2.1x5.5x11**
SYS1058-0606-W2E	**6**	**0~1**	**6**	**200**	**2.1x5.5x11**
SYS1058-0609-W2E	**9**	**0~0.66**	**6**	**200**	**2.1x5.5x11**
SYS1058-0612-W2E	**12**	**0~0.5**	**6**	**200**	**2.1x5.5x11**
SYS1058-0615-W2E	**15**	**0~0.4**	**6**	**200**	**2.1x5.5x11**
SYS1058-0619-W2E	**19**	**0~0.33**	**6**	**200**	**2.1x5.5x11**
SYS1058-0624-W2E	**24**	**0~0.25**	**6**	**200**	**2.1x5.5x11**

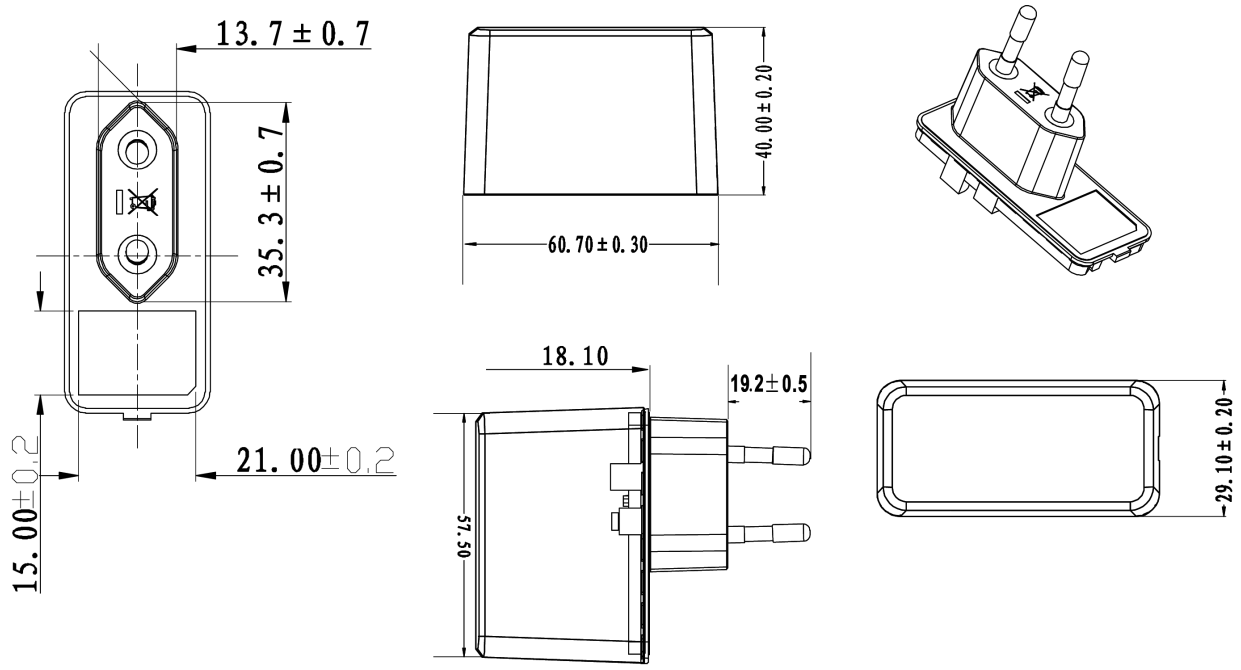
Features:

Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2C - China | W2K - Korea
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

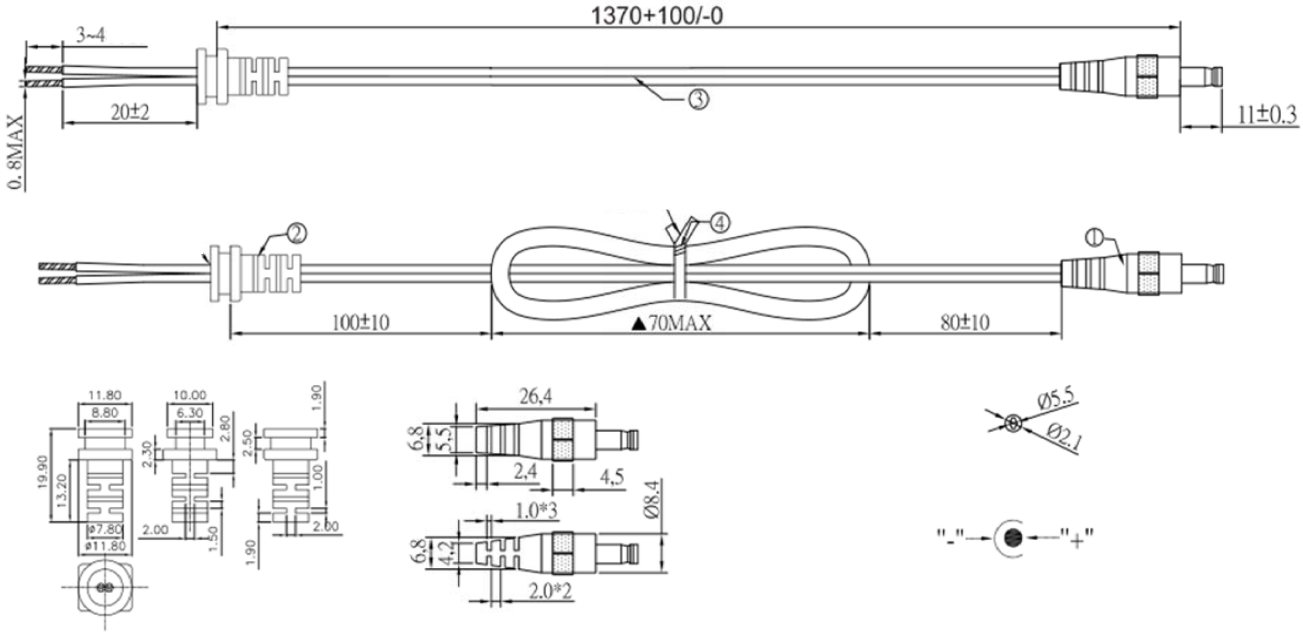
OUTPUT	
Turn delay	5000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>78.88%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load 16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	6W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(50-60)hz
Current	0.2A Max@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.5mA Max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%. (Voltage limit)
Input protection	FR1:0.68/4.7/10 Ω resistance fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

CE	
EMC	EN 55014-1:2017 EN 55014-2: 2015
LVD	2014/35/EU EN 61558-2-16:2009 + A1:2013
SAFETY	
CE | GS | ETL-UL1310 | FCC | RCM | PSE | CB | CCC | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	I/P-O/P:3000VAC
M.T.B.F	50,000 Calculated Hours at 25ºC, according to the MIL-HDBK-217F
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20%~85% °C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 6.84Kg	
GW:10.1Kg	
PACKING	
Box	100 pcs/1 box

Mechanical case specification:



Cable specification:



Wall mount SYS1561-Wxx series 10.5W~12W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 65 x 45 x 30 [mm]

Certified AC Plugs: EU, UK, USA/Japan, Aus, China, Korea

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1561-1105-Wxx*	**5**	**0~2.1**	**10.5**	**200**	**2.1x5.5x11**
SYS1561-1105-Wxx*	**5**	**0~2.1**	**10.5**	**200**	**micro USB**
SYS1561-1105-Wxx*	**5**	**0~2.1**	**10.5**	**200**	**USB-C**
SYS1561-1105-Wxx*	**5**	**0~2.1**	**10.5**	**200**	**USB inlet**
SYS1561-11054-Wxx*	**5.35**	**0~2.0**	**10.7**	**200**	**2.1x5.5x11**
SYS1561-1006-Wxx*	**6**	**0~1.66**	**10**	**200**	**2.1x5.5x11**
SYS1561-1212-Wxx*	**12**	**0~1.0**	**12**	**200**	**2.1x5.5x11**

Features:

Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan, Taiwan | W2A - Australia | W2C - China | W2K - Korea | W2I - India
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT

Turn delay	3000 ms max @ AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI @115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.3v dv max At AC nominal input loading from 50% load to max load or peak load
	8ms tmax | Dynamic rise time 10uS max , duty 40mS max , Dynamic load step is slew rate of 0.5A/uS
Power out.Limit	Peak 13W for SYS1561-1212
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load

INPUT

Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms @ AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max

PROTECTION

Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II, (ITU-T K.21 Surge 6KV on request)

CE

EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017

SAFETY

CB | CE | GS | FCC | cULus | CCC | BSMI | PSE | KC(5Vonly) | SAA | RCM | PSB(1005,1212) | EAC | BIS(1005,1105) | UKCA

OTHERS

Dielectric Strength (Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C

ENVIRONMENT

Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing

WEIGHT

NW: 72g/pc

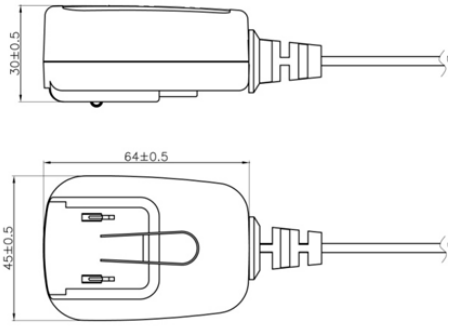
GW: 8.8kg/box
GW: 13.5kg/box (for USB inlet)

PACKING

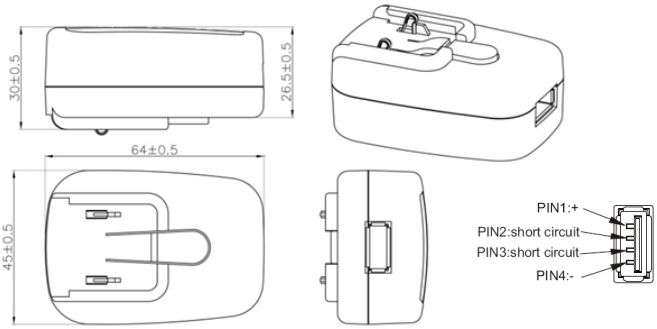
PE plastic bag	80 pcs /1 box 180 pcs / 1box (for USB inlet)

Mechanical case specification:

1) Cable type

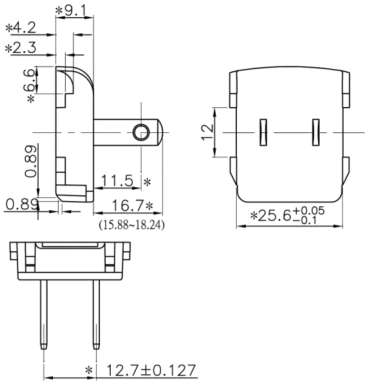


2) USB inlet type

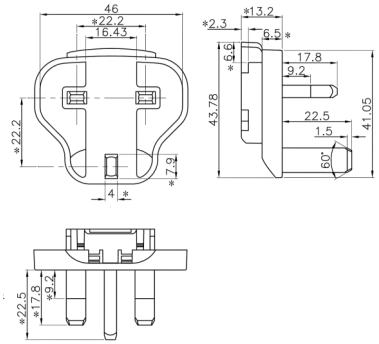


Mechanical specification (country housing):

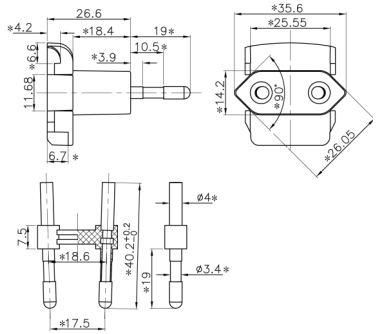
US / Japan type (W2)



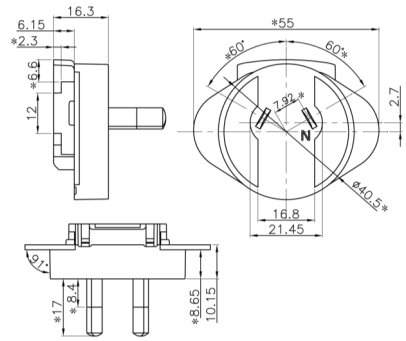
UK type (W3U)



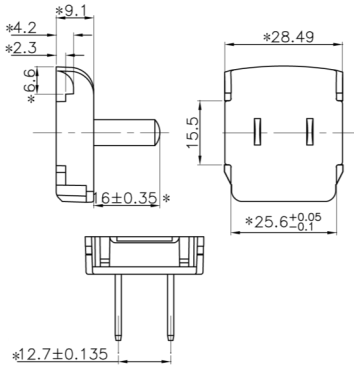
Europe type (W2E)



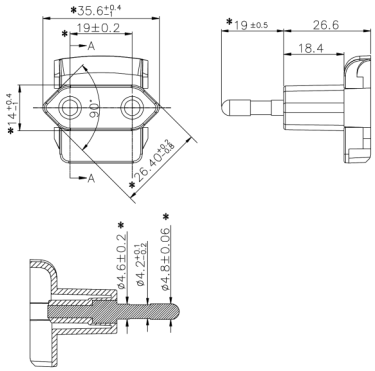
Australia type (W2A)



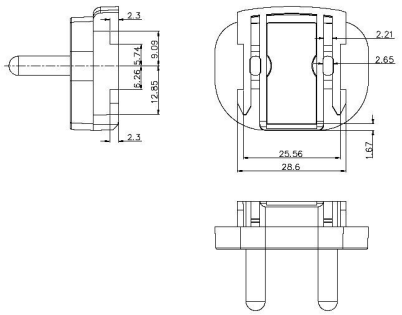
China type (W2C)



Korea type (W2K)

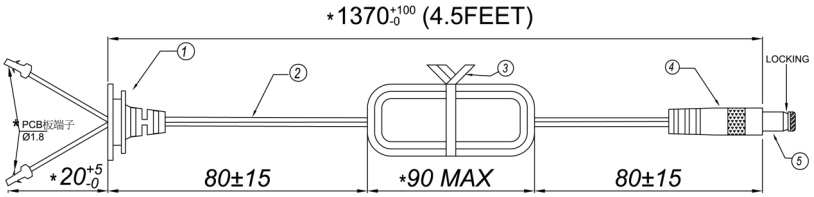


India type (W2I)

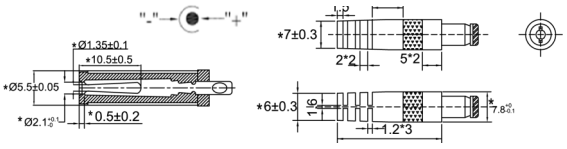


Cable specification:

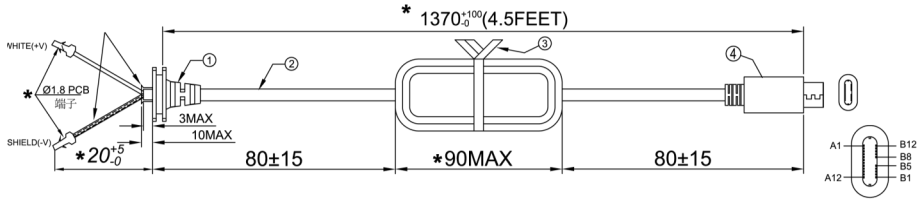
2468#20*2C – SYS1561-1105-Wxx | 2468#24*2C – SYS1561-1212-Wxx



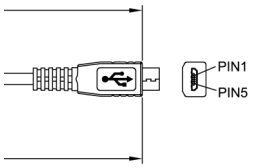
For 2.1x5.5 connector



For USB C connector



For micro USB connector



Wall mount SYS1121-Wxx series 12W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40[°C]*

Dimension : *68 × 42 × 29 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Basic Models	Voltage DC [4.0V~24V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1121-0909-Wxx	**9**	**0~1.0**	**9**	**200**	**2.1x5.5x11**
SYS1121-1105-Wxx	**5**	**0~2.2**	**11**	**200**	**2.1x5.5x11**
SYS1121-1106-Wxx	**6**	**0~1.83**	**11**	**200**	**2.1x5.5x11**
SYS1121-12075-Wxx	**7,5**	**0~1.6**	**12**	**200**	**2.1x5.5x11**
SYS1121-1209-Wxx	**9**	**0~1.33**	**12**	**200**	**2.1x5.5x11**
SYS1121-1212-Wxx	**12**	**0~1.0**	**12**	**200**	**2.1x5.5x11**
SYS1121-1215-Wxx	**15**	**0~0.8**	**12**	**200**	**2.1x5.5x11**
SYS1121-1218-Wxx	**18**	**0~0.66**	**12**	**200**	**2.1x5.5x11**
SYS1121-1224-Wxx	**24**	**0~0.5**	**12**	**200**	**2.1x5.5x11**

Features:

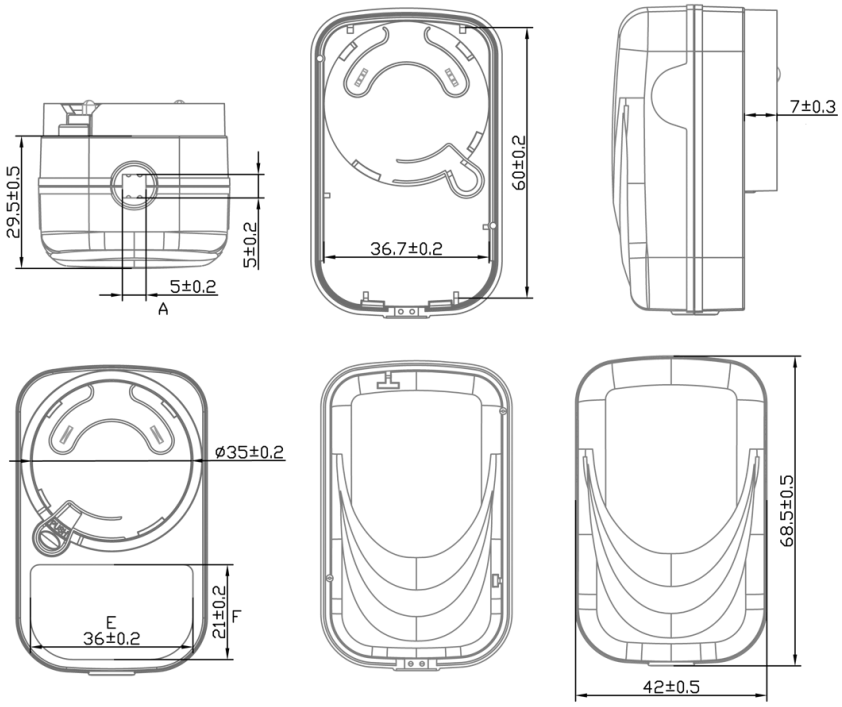
Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2C - China

For all models, the minimum rising step of output voltage is 0.1V - 4.0V~24V 12W max | Private Label Marking Available | 2 Years Warranty

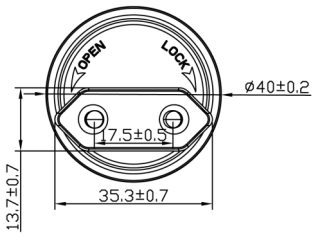
OUTPUT	
Turn delay	3000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	Meet DOE level VI
Burn in limit	220VAC 80% Load (Ref) 4 hours & 40°C + 5°C -0°C
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	< 5 mA max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto
Over Voltage	The power supply shall be self-recovering when the fault condi-
Input protection	F1:1A 250V Fuse The power supply shall be protected against
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cUL | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA | BSMI | CCC	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40ºC / Storage: -20~85ºC
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 69 g/pc (without plugs) + W2E plug 24g; W3U plug 19g; W2 plug 13g; W2A plug 13g	
GW: 89 g/pc (without plugs)	
PACKING	
Box	100 pcs/1 box

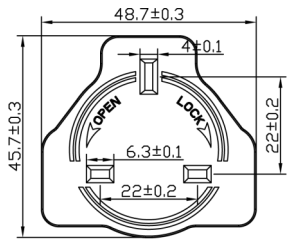
Mechanical specification:



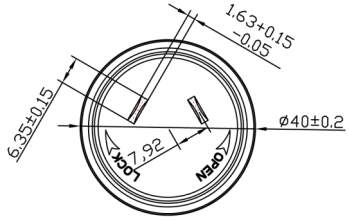
W2E - Europe



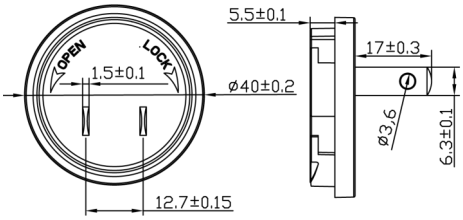
W3U - England



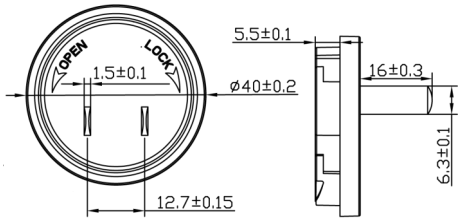
W2A - Australia



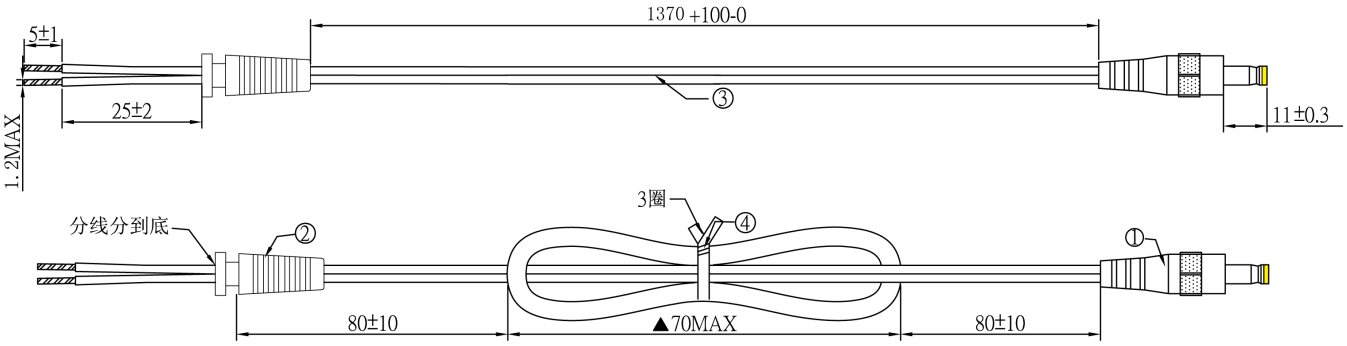
W2 - USA, Canada, Japan,Taiwan

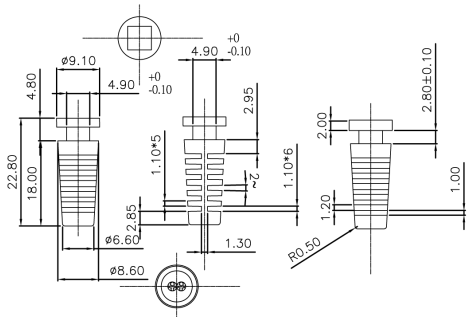


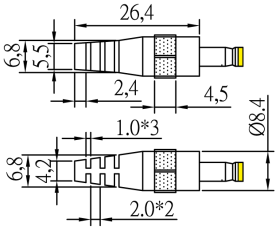
W2C - China

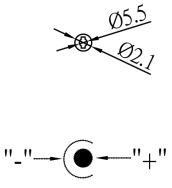


Cable specification:









Wall mount SYS1381N-Wxx series 12W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 63.6 x 29.5 x 45.6 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Basic Models	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1381N-1205-Wxx	**5**	**0~2.4**	**12**	**150**	**2.1x5.5x11**
SYS1381N-1205-Wxx	**5**	**0~2.4**	**12**	**150**	**1.7x5.5x11**
SYS1381N-1205-Wxx	**5**	**0~2.4**	**12**	**150**	**Micro USB**
SYS1381N-1206-Wxx	**6**	**0~2.0**	**12**	**150**	**2.1x5.5x11**
SYS1381N-1207-Wxx	**7,5**	**0~1.6**	**12**	**150**	**2.1x5.5x11**
SYS1381N-1209-Wxx	**9**	**0~1.33**	**12**	**150**	**2.1x5.5x11**
SYS1381N-1212-Wxx	**12**	**0~1.0**	**12**	**150**	**2.1x5.5x11**
SYS1381N-1215-Wxx	**15**	**0~0.8**	**12**	**180**	**2.1x5.5x11**
SYS1381N-1218-Wxx	**18**	**0~0.66**	**12**	**200**	**2.1x5.5x11**
SYS1381N-1224-Wxx	**24**	**0~0.5**	**12**	**250**	**2.1x5.5x11**

Features:

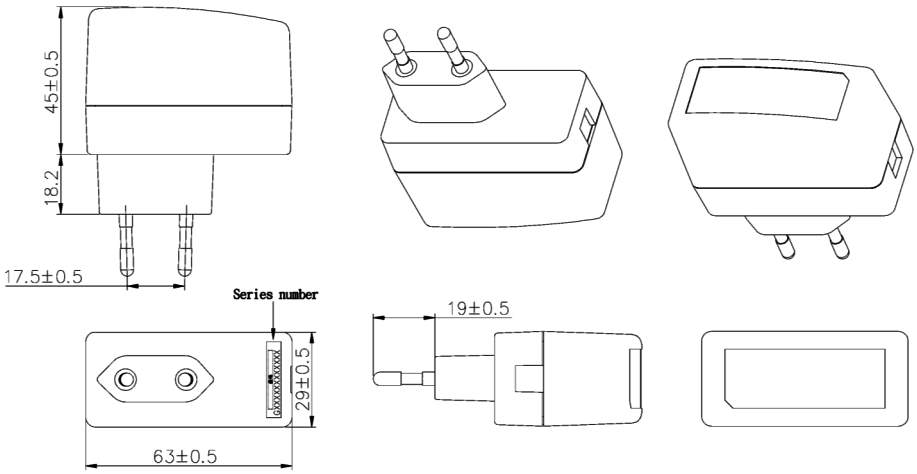
Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2C - China

For all models, the minimum rising step of output voltage is 0.1V - 4.0V~24V 12W max | Private Label Marking Available | 2 Years Warranty

OUTPUT	
Turn delay	5000ms max@AC low line input@output full load
Hold up time	10ms min@AC nominal input@output full load
Efficiency (Normal)	>79.94％min. Eff= 0.071 x ln(Po/1W) - 0.0014 x Po/1W + 0.67
Transient response (dv,tmax)	0.3V dv max at AC nominal input loading from 50％ load to max
	16ms tmax Dynamic rise time 10 us max,duty 40ms
Burn in limit	Ambient temp: 35C+-3%; 80% load; input voltage 230V; 2 hours.
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25 mA max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove. An output short
Over Voltage	The power supply will not be auto recovered when faults remove
Input protection	F1:1A /250V Fuse. The power supply shall be protected against
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II

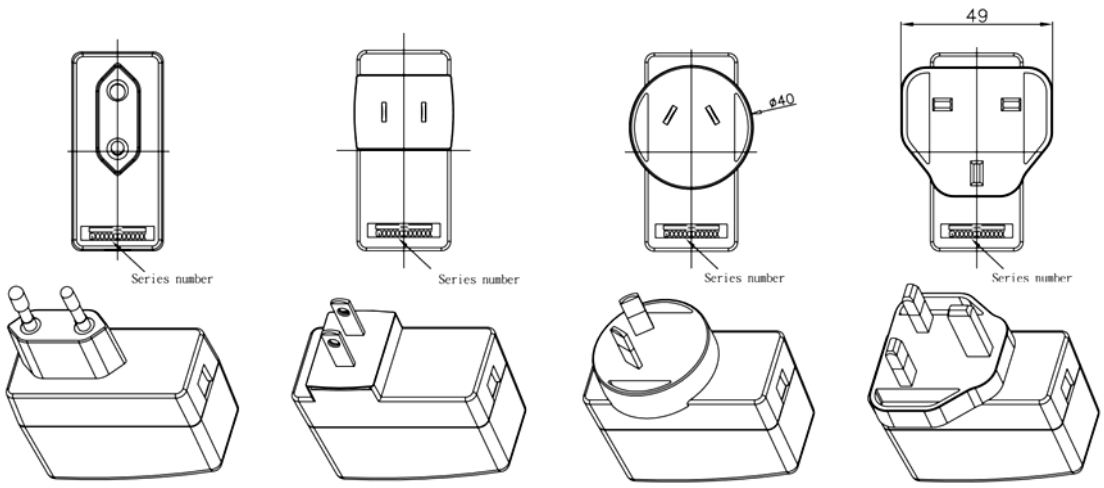
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CE | CB | TUV/GS | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	HI-POT B / IEC 320 2pin primary to secondary 4000Vdc 10mA 1min
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 85 g/pc	
Box: 11,5 kg	
PACKING	
Box	100 pcs/1 box

Mechanical case specification:



Mechanical specification (country housing):

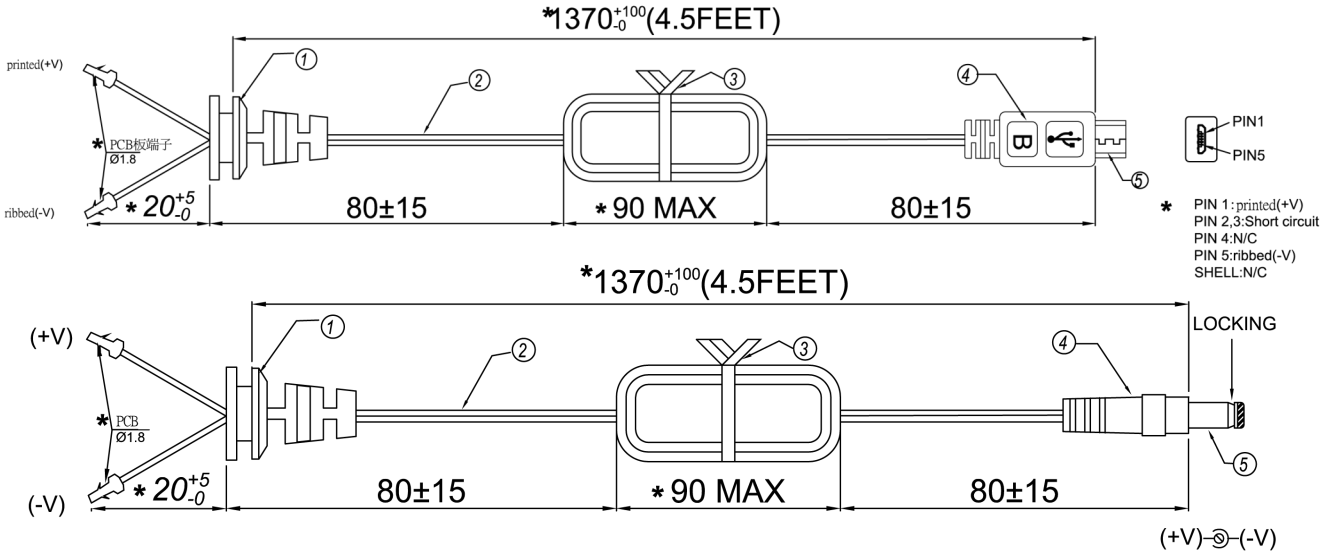
Europe / Korea type (W2E/W2K) | US / Canada type (W2) | Australia type (W2A) | UK type (W3U)



Cable specification:

Connectors 2.1*5.5*11; 1.7*5.5*11; micro USB

Cable (2468#20*2C / 4.5FT)



Wall mount SYS1529-Wxx series 12W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 40 x 35x 33 [mm]

AC Plugs: EU, UK, USA/Japan, Australia, China

Efficiency level : VI

Approvals / Marks :

Features:

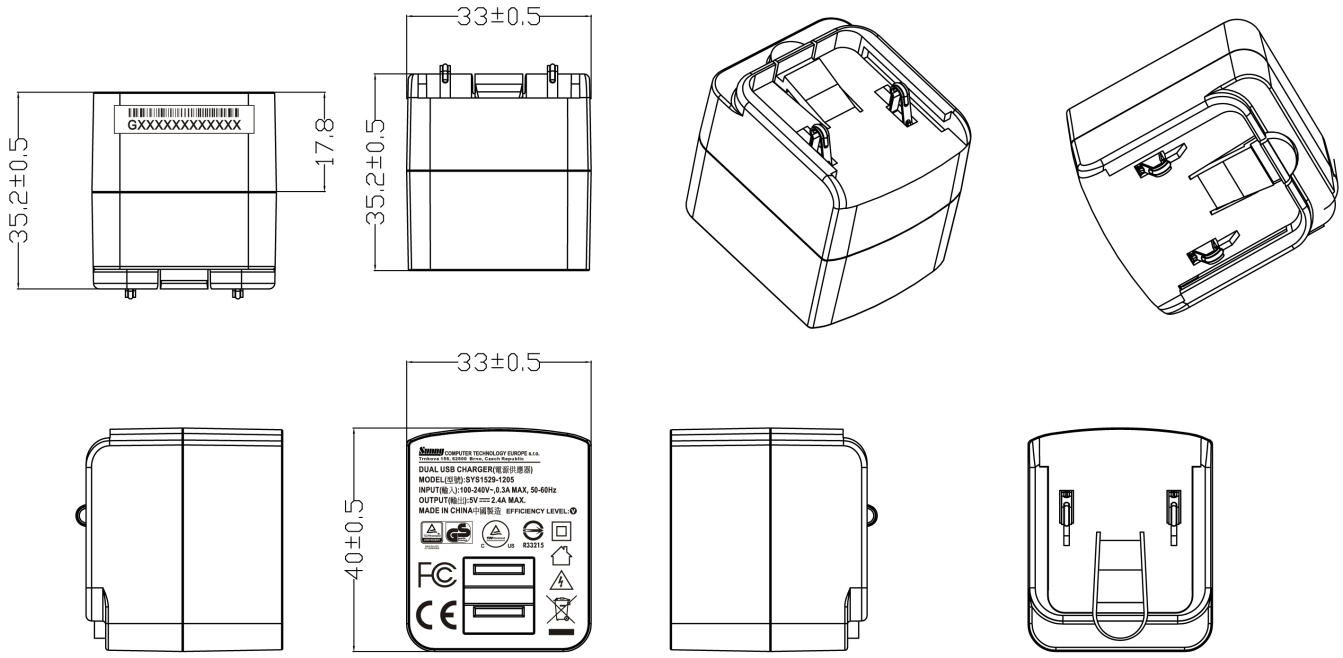
- Dual USB inlet charger with Exchangeable AC Plugs.
- Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz.
- Customer can choose one or more from 5 AC plugs Wxx* (W2 - USA,Canada,Japan | W2A - Australia | W2C - China | W2E - Europe | W3U - England).
- Output connector: dual USB inlet

Specification:

ErP V.	Model	Voltage DC [V]	Efficiency [%]	OCP [A]	OVP [V]	Max. Power [W]	Ripple & Noise [mV]p-p max.	Connector [mm]
	SYS1529-1205	**5.0**	**75**	**2.5-3.0**	**max 10V**	**12**	**250**	**USB inlet**

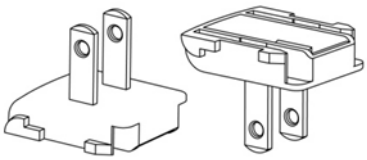
note	Max load: 2.4A if 1 USB port is used / 1.2A if 2 USB ports are used	
INPUT	Voltage	(90 ~ 264) VAC
	Frequency	(47 ~ 63) Hz
	Current	0.3 A at AC low line input and DC output full load
	Input surge current	40A/60A max at power supply cold start, ambient temperature 25°C@115Vac/230Vac nominal AC input.
	Power Efficiency	74.74％ minimum average efficiency in active mode (Meet CEC V)
PROTECTION	Over Current	The power supply will self-protect any output to ground.
	Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%. (Voltage limit)
	Short Circuit	Is defined as any output impedance of less than 0.1Ω. The power supply will be auto recovered when short circuit faults remove.
OUTPUT	Line regulation	-9 % / +5%
	Hold up time	0.3ms min At AC nominal input@ output full load
	Standby Power	0.3W max.
	Cooling	Free air convection
	M.T.B.F.	500,000 Calculated Hours at 25°C, by Telcordia SR-332
	Withstand Voltage	I/P-O/P: 3000VAC
ENVIRONMENT	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C
	Humidity	Operating: (8 ~ 90)% RH / Storage: (5 ~ 95)% RH
SAFETY	CB | FCC | CE | cTUVus | GS | UKCA	
CE	**EMC**	2014/30/EU
	LVD	2014/35/EU EN 62368-1:2014+A11:2017
WEIGHT	1pc	N.W.: 38g / pcs + plug
	Box	0.455 x 0.390x 0.200 [m]
PACKING		400pcs / 1box
		G.W.: 18,1kg / box

Mechanical case specification:

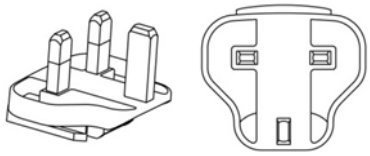


Mechanical specification (country housing):

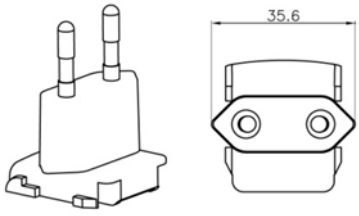
US / Japan type (W2)



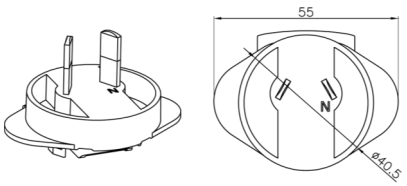
UK type (W3U)



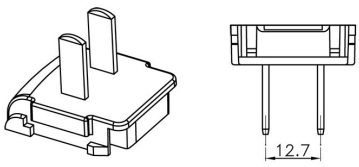
Europe type (W2E)



Australia type (W2A)



China type (W2C)



Wall mount SYS1128-W2E 15W

EN 61558 **GREEN MODE** **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 74 x 29 x 79 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1128-0903-W2E	**3,3**	**0~2.5**	**8,3**	**200**	**2.1x5.5x11**
SYS1128-1205-W2E	**5**	**0~2.4**	**12**	**200**	**2.1x5.5x11**
SYS1128-1206-W2E	**6**	**0~2**	**12**	**200**	**2.1x5.5x11**
SYS1128-1409-W2E	**9**	**0~1.5**	**13,5**	**200**	**2.1x5.5x11**
SYS1128-1512-W2E	**12**	**0~1.25**	**15**	**200**	**2.1x5.5x11**
SYS1128-1515-W2E	**15**	**0~1**	**15**	**200**	**2.1x5.5x11**
SYS1128-1218-W2E	**18**	**0~0.66**	**12**	**200**	**2.1x5.5x11**
SYS1128-1224-W2E	**24**	**0~0.5**	**12**	**200**	**2.1x5.5x11**

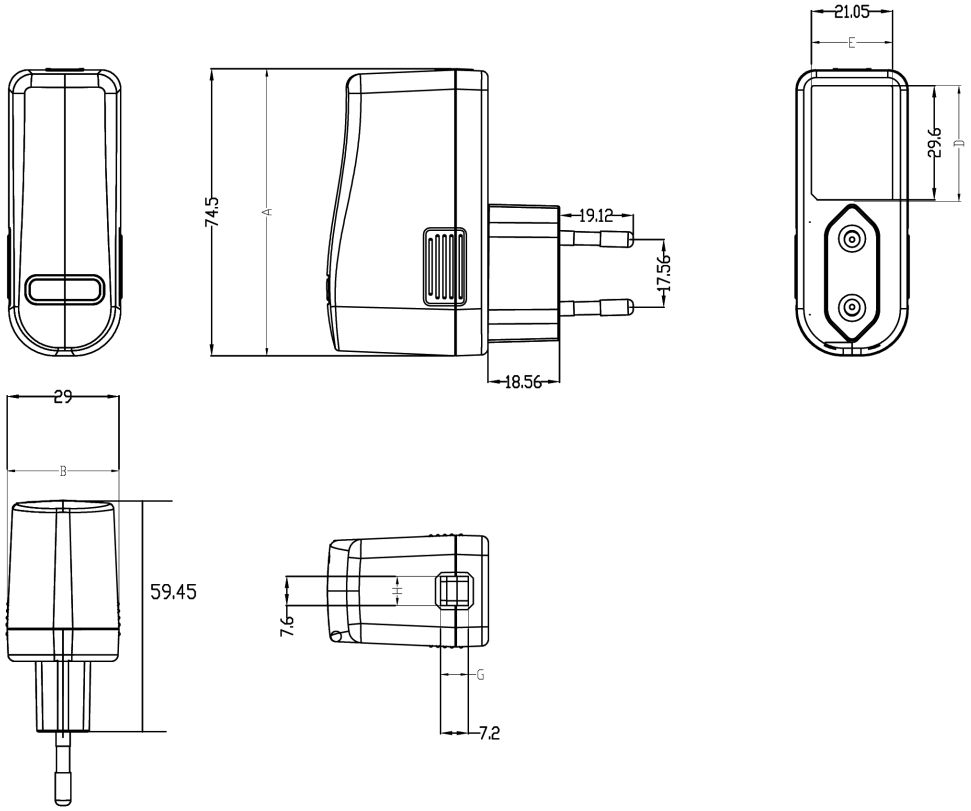
Features:

Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2C - China | W2K - Korea
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

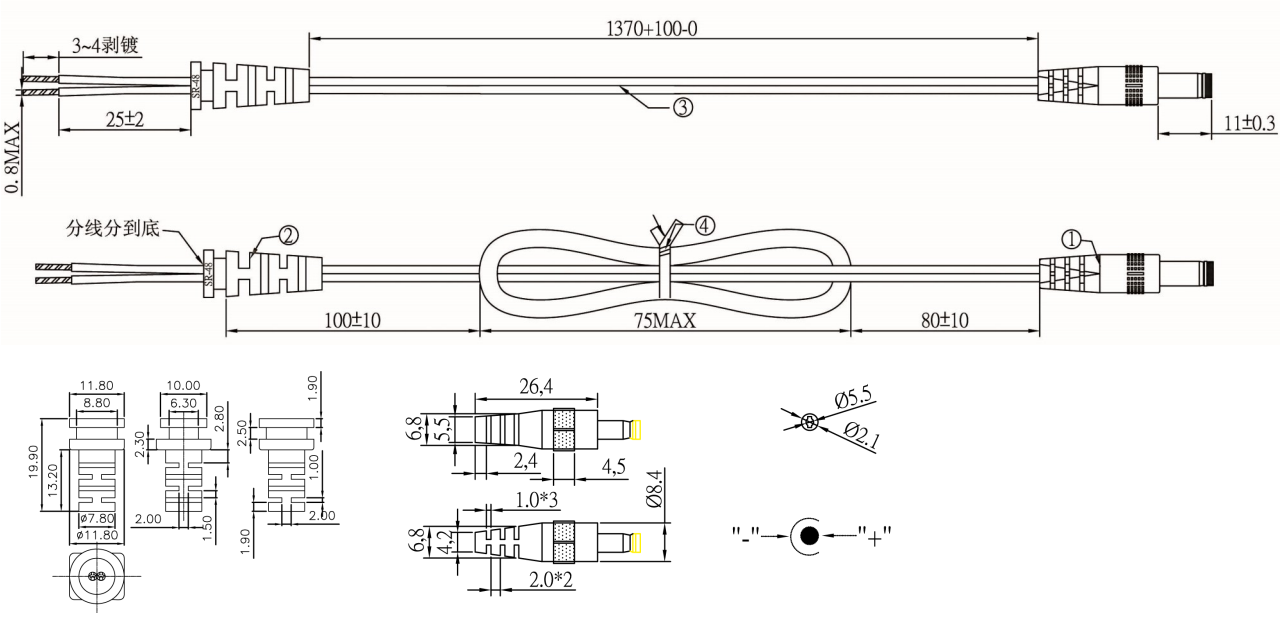
OUTPUT	
Turn delay	5000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>84.13%@115v/60HZ,230V/50HZ input &Full load 15W Max
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	15W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(50-60)hz
Current	0.5A Max@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.5mA Max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%. (Voltage limit)
Input protection	FR1:0.68/4.7/10 Ω resistance fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

CE	
EMC	EN 55014-1:2017 EN 55014-2: 2015
LVD	2014/35/EU EN 61558-2-16:2009 + A1:2013
SAFETY	
CE | GS | ETL-UL1310 | FCC | RCM | PSE | CB | CCC | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	I/P-O/P:3000VAC
M.T.B.F	50,000 Calculated Hours at 25ºC, according to the MIL-HDBK-217F
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20%~85% °C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 8.44Kg	
GW:11.7Kg	
PACKING	
Box	100 pcs/1 box

Mechanical case specification:



Cable specification:



Wall mount SYS1888-Wxx/T2 series 18W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 64 x 27x 76 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1888-1505	**5**	**0~3.0**	**15**	**200**	**2.1x5.5x11**
SYS1888-18075	**7.5**	**0~2.4**	**18**	**200**	**2.1x5.5x11**
SYS1888-1809	**9**	**0~2.0**	**18**	**200**	**2.1x5.5x11**
SYS1888-1812	**12**	**0~1.5**	**18**	**200**	**2.1x5.5x11**
SYS1888-1815	**15**	**0~1.25**	**18**	**200**	**2.1x5.5x11**
SYS1888-1818	**18**	**0~1.0**	**18**	**200**	**2.1x5.5x11**
SYS1888-1824	**24**	**0~0.75**	**18**	**200**	**2.1x5.5x11**

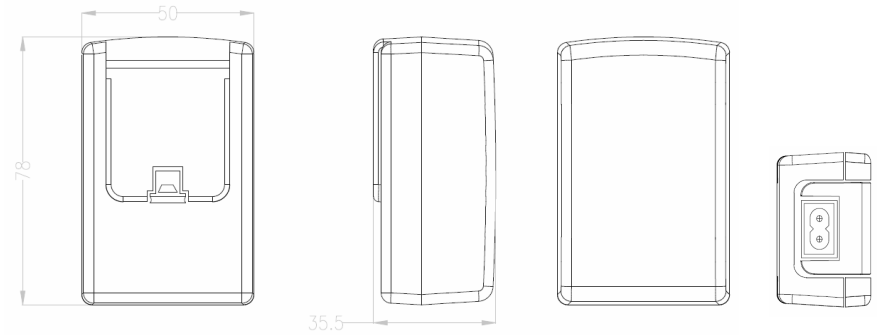
Features:

Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | T2 - Desktop
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

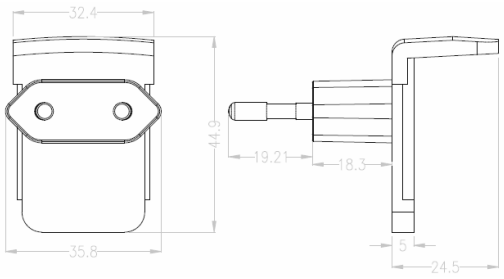
OUTPUT	
Turn delay	3000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>84.3%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load 16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	18W
Burn in limit	220VAC 80% Load (Ref) 4hours & 40°C + 5°C -0°C
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(50~60)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	30/40A max@power supply cold start,ambient temperature 25°C @100Vac/240Vac nominal AC input
leakage current	5mA Max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%. (Voltage limit)
Input protection	F1:1A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	I/P-O/P:3000VAC
M.T.B.F	50,000 Calculated Hours at 25ºC, according to the MIL-STD-217F
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20%~80%RH non condensing
Humidity	Operating: 8%~90%RH / Storage: 5%~90% RH non condensing
WEIGHT	
NW: 105g/pc + plug	
GW: 122g/pc + plug	
PACKING	
Box	100 pcs/1 box

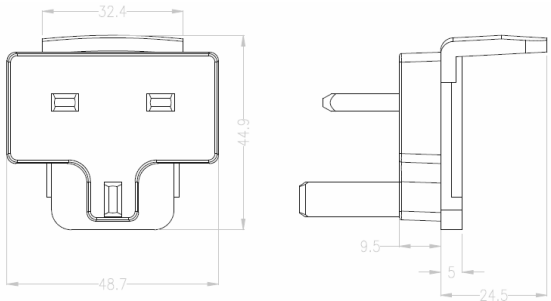
Mechanical case specification:



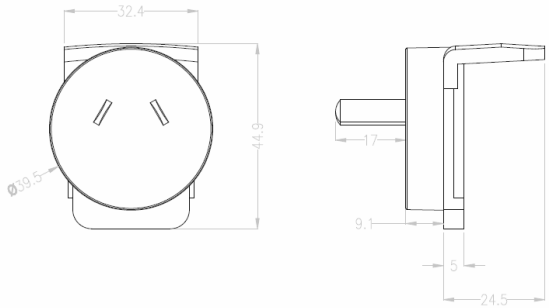
Europe type (W2E)



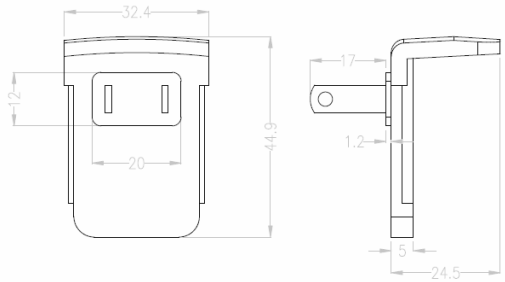
UK type (W3U)



Australia type (W2A)

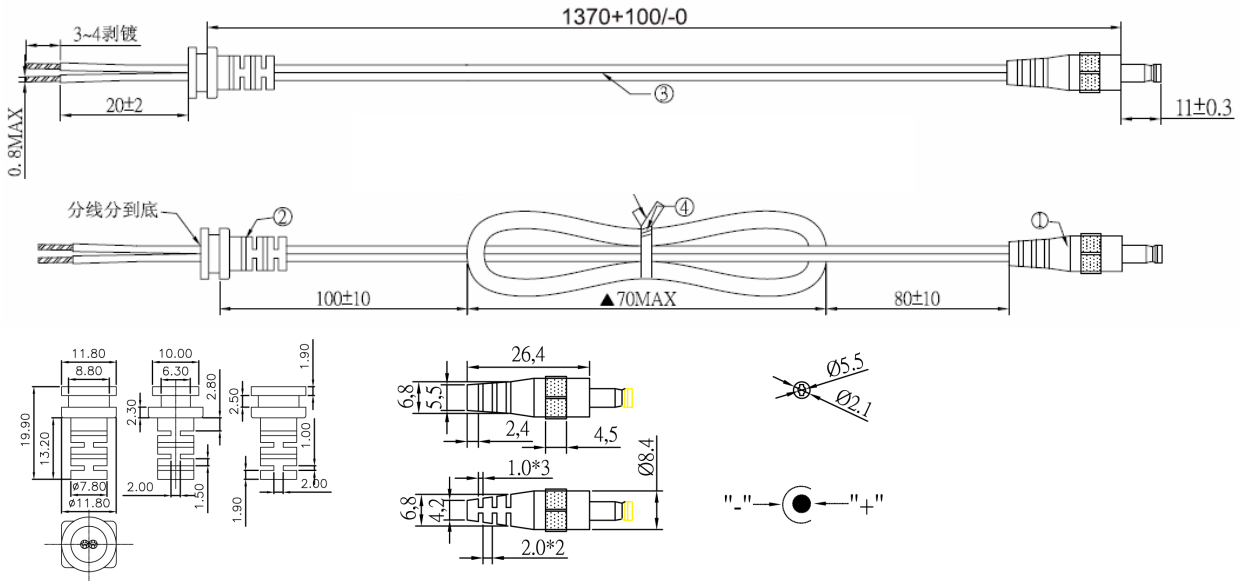


US / Japan type (W2)



Cable specification:

2468# 24Awg for 15V/ 18V/ 24V
2468# 22Awg for 9V/ 12V
2468# 20Awg for 7.5V/ 6V/ 5V



Wall mount SYS1181-W2E series 18W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *70 x 27 x 76 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

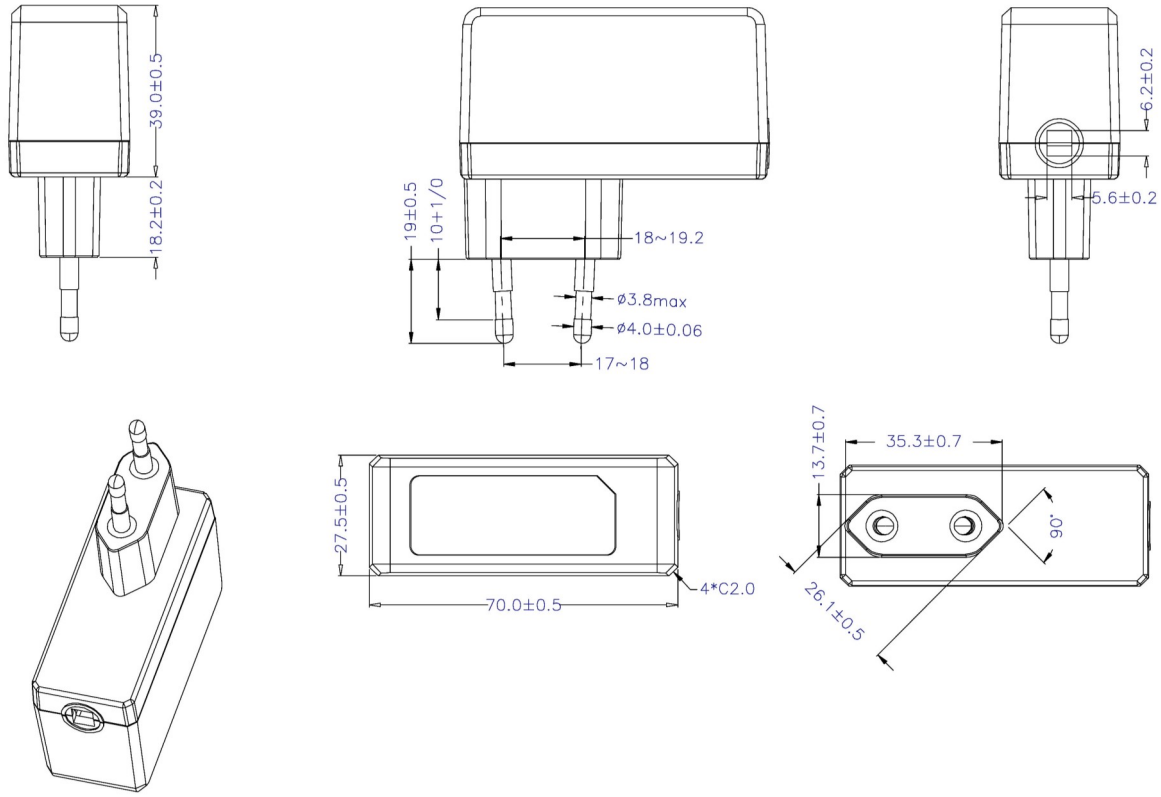
Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1181-1505-W2E	**5**	**0~3.0**	**15**	**200**	**2.1x5.5x11**
SYS1181-1506-W2E	**6**	**0~2.5**	**15**	**200**	**2.1x5.5x11**
SYS1181-1809-W2E	**9**	**0~2.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1812-W2E	**12**	**0~1.5**	**18**	**200**	**2.1x5.5x11**
SYS1181-1815-W2E	**15**	**0~1.2**	**18**	**200**	**2.1x5.5x11**
SYS1181-1818-W2E	**18**	**0~1.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1824-W2E	**24**	**0~0.75**	**18**	**200**	**2.1x5.5x11**

Features:

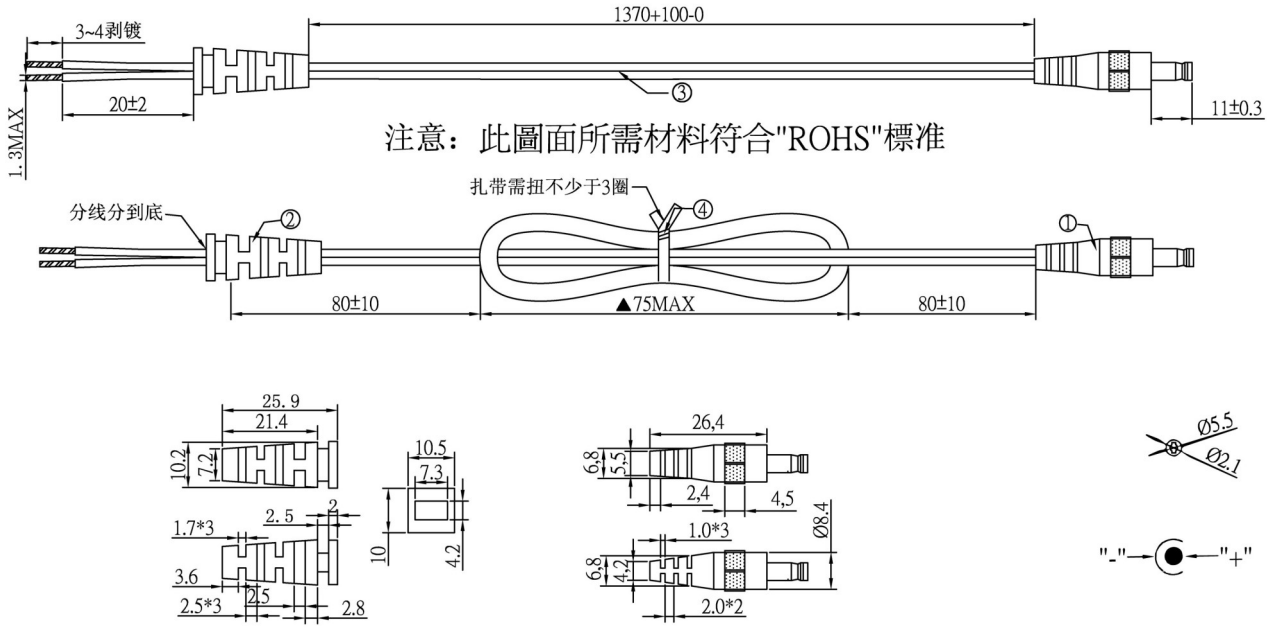
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

INPUT|OUTPUT	**Voltage**	90-264VAC
	Current	0.5A max|At 100VAC & 240VAC@full load
	Inrush Current	40/60A max|At cold start, ambient temperature 25°C nominal AC input 100VAC/240VAC
	Power consumption	0.1W max. with output no load at 115VAC/230VAC input
	Efficiency	Meet ERP level VI
	Hold up time	8mS min|At AC nomind input @ output full load
	Turn delay	5000mS max.|At AC low line input @ output full load.
	Ripple|noise	200mV
	Burn-in	220VAC 80% Load (Ref) 4hours & 40°C +/- 5
PROTECTION	**Over current|Short protec-**	Automatic recovery
	Over Voltage	The power supply shall be self-recovering when the fault condition is removed
	Input protection	The switching adaptor use 3.15A fuse
	Protection class	Class II
SAFETY	**CE EMC**	2014/30/EU
	CE LVD	2014/35/EU
	Safety approvals	TUV/GS | CE
	Dielectric Strength (Hi-pot)	AC3000V,5.0mA,1 minute for type test
	Leakage current	0.25 mA max.
ENVIRONMENTAL	**Temperature**	Operating: 0~40°C / Storage: -25~50°C
	Humidity	Operating: 20%~80%RH / Storage:5%~95% RH
	Cooling	The power supply will operate with convection cooling. Blocking of vents must not cause damage to the power supply.
OTHER	**MTBF**	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
	Weight	95±3.5 g
	Dimension	70x27x76 mm
	Packing	100 pcs|1 box

Mechanical case specification:



Cable specification:



Wall mount SYS1181-Wxx series 18W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *70 x 40 x 33 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

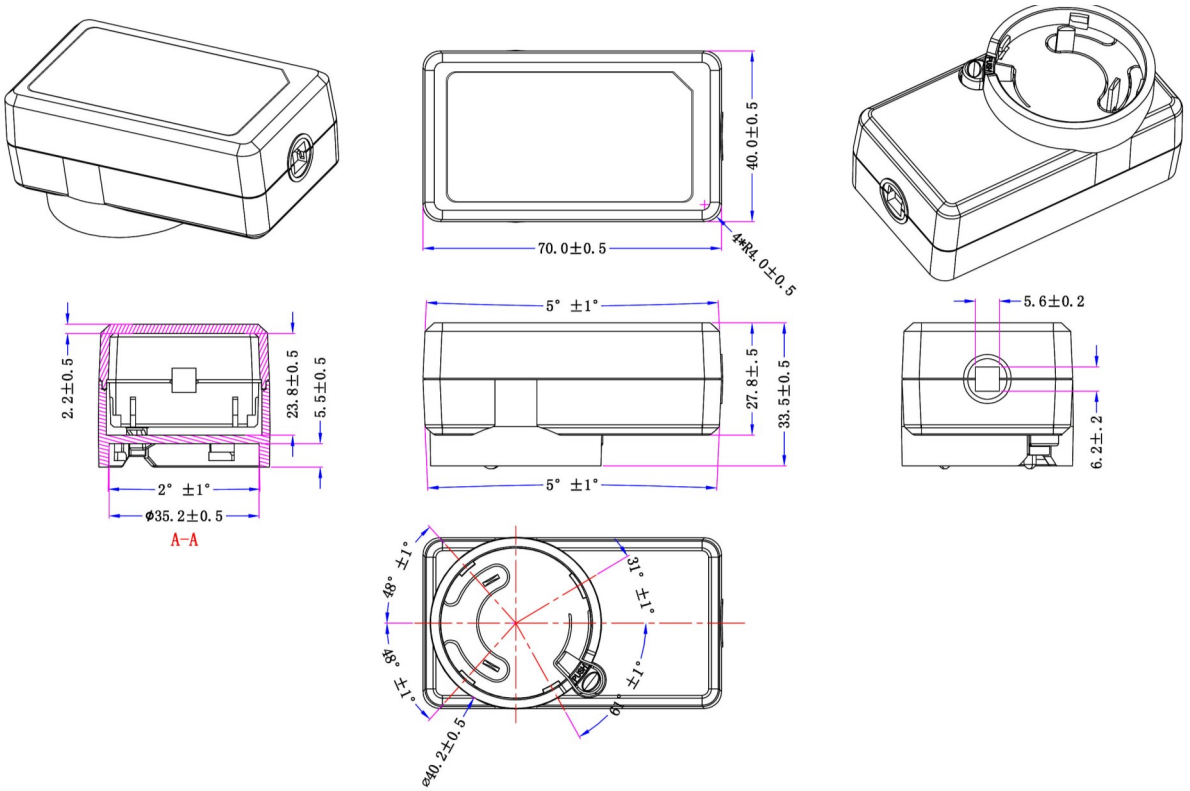
Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1181-1505-Wxx	**5**	**0~3.0**	**15**	**200**	**2.1x5.5x11**
SYS1181-1506-Wxx	**6**	**0~2.5**	**15**	**200**	**2.1x5.5x11**
SYS1181-1809-Wxx	**9**	**0~2.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1812-Wxx	**12**	**0~1.5**	**18**	**200**	**2.1x5.5x11**
SYS1181-1815-Wxx	**15**	**0~1.2**	**18**	**200**	**2.1x5.5x11**
SYS1181-1818-Wxx	**18**	**0~1.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1824-Wxx	**24**	**0~0.75**	**18**	**200**	**2.1x5.5x11**

Features:

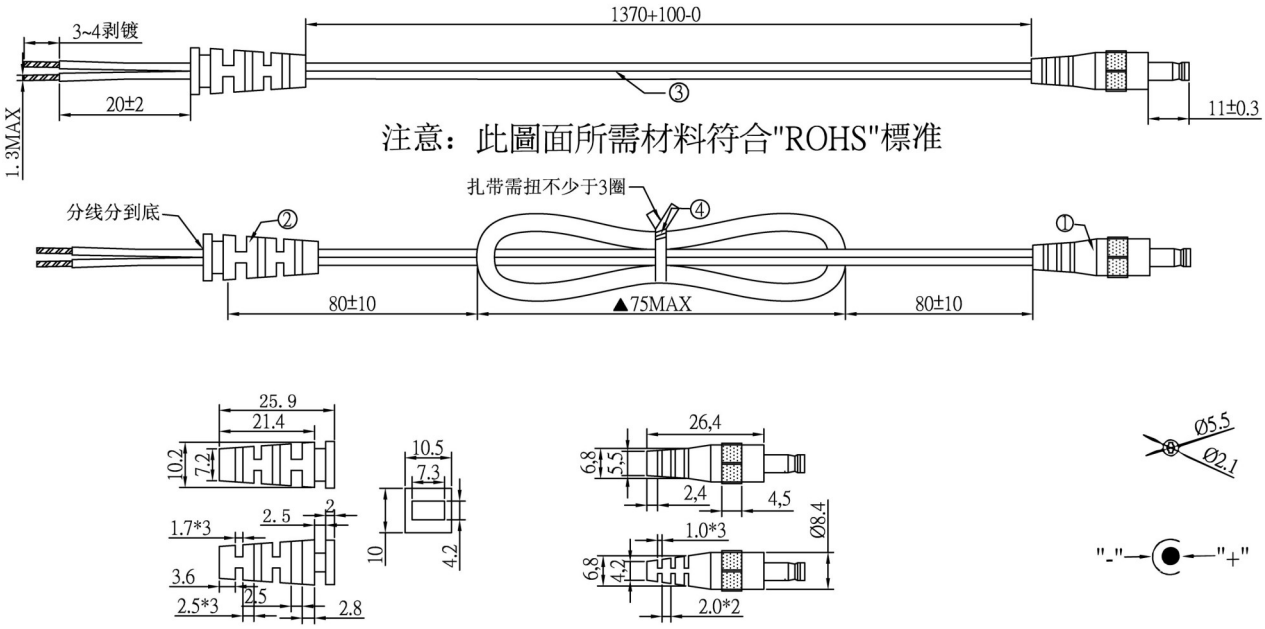
Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

INPUT|OUTPUT	**Voltage**	90-264VAC
	Current	0.5A max|At 100VAC & 240VAC@full load
	Inrush Current	40/60A max|At cold start, ambient temperature 25°C nominal AC input 100VAC/240VAC
	Power consumption	0.1W max. with output no load at 115VAC/230VAC input
	Efficiency	Meet ERP level VI
	Hold up time	8mS min|At AC nomind input @ output full load
	Turn delay	5000mS max.|At AC low line input @ output full load.
	Ripple|noise	200mV
	Burn-in	220VAC 80% Load (Ref) 4hours & 40°C +/- 5
PROTECTION	**Over current|Short protec-tion**	Automatic recovery
	Over Voltage	The power supply shall be self-recovering when the fault condition is removed
	Input protection	The switching adaptor use 3.15A fuse
	Protection class	Class II
SAFETY	**CE EMC**	2014/30/EU
	CE LVD	2014/35/EU
	Safety approvals	ETL/cETLus | TUV/GS | FCC | CE | CB | SAA | PSE | LVD | UKCA
	Dielectric Strength (Hi-pot)	AC3000V,5.0mA,1 minute for type test
	Leakage current	0.25 mA max.
ENVIRONMENTAL	**Temperature**	Operating: 0~40°C / Storage: -25~50°C
	Humidity	Operating: 20%~80%RH / Storage:5%~95% RH
	Cooling	The power supply will operate with convection cooling. Blocking of vents must not cause damage to the power supply.
OTHER	**MTBF**	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
	Weight	95±3.5 g
	Dimension	70x40x33 mm
	Packing	100 pcs|1 box

Mechanical case specification:



Cable specification:



Wall mount SYS1621-TYPE C 20 W2E 20W

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 80 × 39× 27 [mm]

Efficiency level (ErP) : VI

GREEN MODE **RoHS**

CE

Specifications

Model	Voltage DC/Loading [V/A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector
SYS1621-TYPE C 20 W2E	**5V/3A, 9V/2.22A, 12V/1.66A**	**20**	**300**	**USB-C**

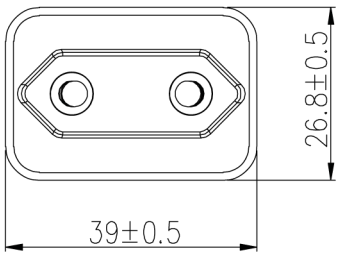
Features:

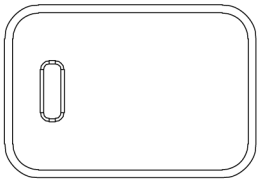
PSU housing ready for use in country: Wxx = W2E - Europe
Output connector: Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty | Power delivery

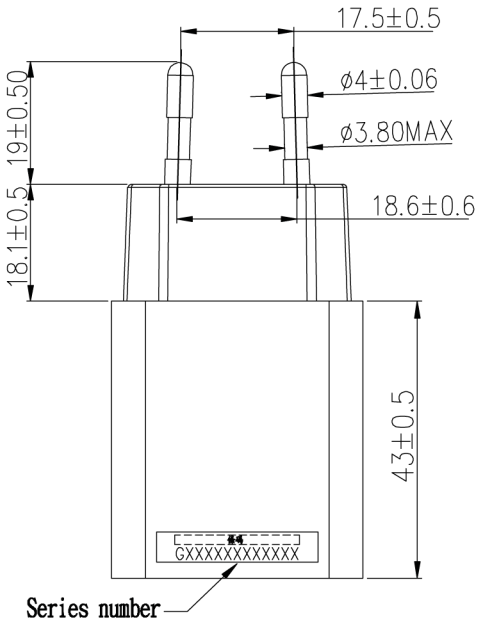
OUTPUT	
Turn delay	3000 ms max @ AC low line input@output full load
Hold up time	10ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4v dv max At AC nominal input loading from 50% load to max load or peak load
	Dynamic rise time 10uS max , duty 40mS max , Dynamic load
Power out.Limit	20W
Burn in limit	Full load 2 Hours
Power consumption	0.1W
Output regulation	Auto-detect the charging voltage and current for Type C and iOS devices. Meet PD3.0,QC 3.0 requirements rules
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms @ AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The car charger shall be protected from damage of acci-dentally when the I/P voltage is between AC normal. The O/P short protection could be protected forever, input power do not exceed 5W when output is shorted.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1 2A/250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

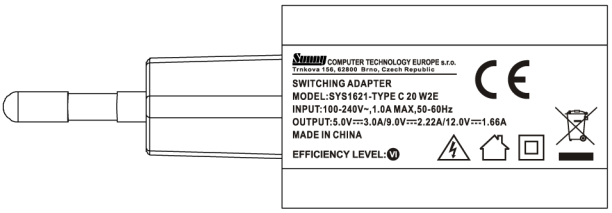
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2018
SAFETY	
CE	
OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:4000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
DC output	Type C
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condens-ing
WEIGHT	
NW: 51g/pc	
GW: 9kg/box	
PACKING	
PE plastic bag	150 pcs /1 box

Mechanical case specification:









Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 70 × 39× 27 [mm]

Efficiency level (ErP) : VI

GREEN MODE **RoHS**

Specifications

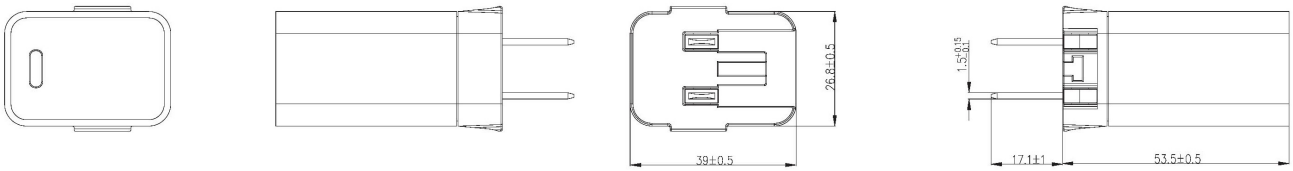
Model	Voltage DC/Loading [V/A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector
SYS1621-Type C 20 W2F	**5V/3A, 9V/2.22A, 12V/1.66A**	**20**	**300**	**USB-C**

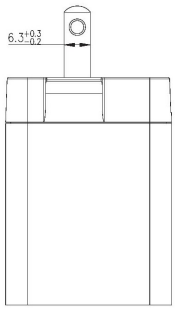
Features:

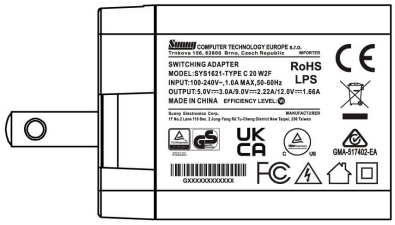
Auto-detect the charging voltage and current for Type C and ios devices.
Changeable plugs ready for use in countries:
Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan (fixed) | W2A - Australia | W2G - Argentina | W2K - Korea | W2C - China | W2I - India
Output connector: Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | 2 Years Warranty

INPUT | OUTPUT	**Voltage**	90-264VAC
	Current	1.5A rms max | At AC low line input and DC output full load
	Power consumption	0.1W max. with output no load at 115VAC/230VAC input
	Efficiency	Meet ERP level VI
	Turn delay	3000mS max. | 3S max on the condition that input volotage 230V, full load
	Ripple|noise	300mV
	Burn-in	Ambient temp: 35C+-3%; 80% load;input voltage 230V;2 hours
PROTECTION	**Over current|Short protection**	Fold back | Auto recovery when abnormal circuit faults remove.
	Over Voltage	Auto recovery
	Input protection	2A/250V Fuse
	Protection class	Class II
SAFETY	**CE EMC**	2014/30/EU
	CE LVD	2014/35/EU EN IEC 62368-1:2020+A11:2020
	Safety approvals	TUV/GS | FCC | CE | CB | SAA+RCM | UKCA
	Dielectric Strength (Hi-pot)	IEC 320 2pin primary to secondary 4000Vdc 10mA 1min
	Leakage current	0.25 mA max.
ENVIRONMENTAL	**Temperature**	Operating: 0~40°C / Storage: -20~85°C
	Humidity	Operating: 8%~90%RH / Storage:5%~95% RH
	Cooling	Natural Convection Cooling
OTHER	**MTBF**	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
	Weight	0
	Dimension	70x39x27 mm
	Packing	200 pcs | 1 box

Mechanical case specification:

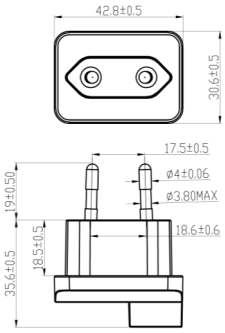




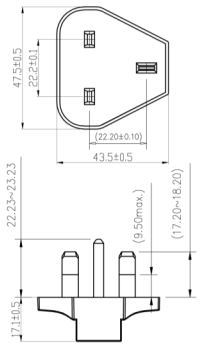


Mechanical specification (country housing):

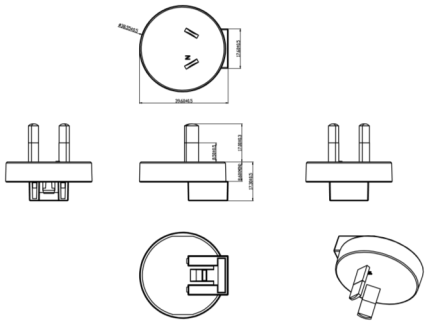
Europe type (W2E)



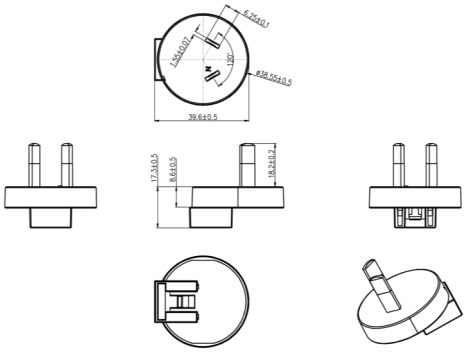
UK type (W3U)



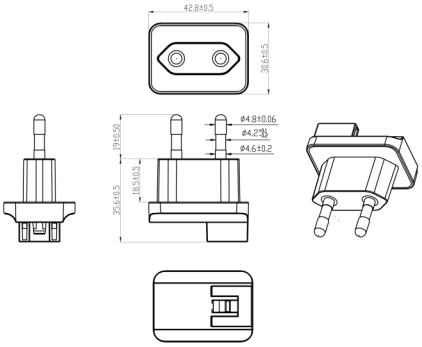
Australia type (W2A)



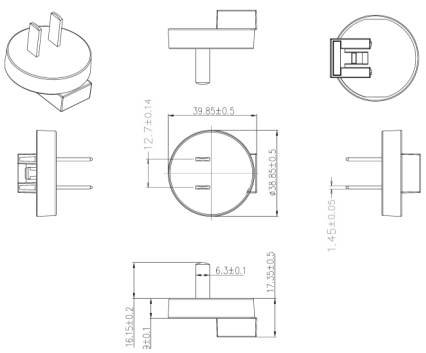
Argentina (W2G)



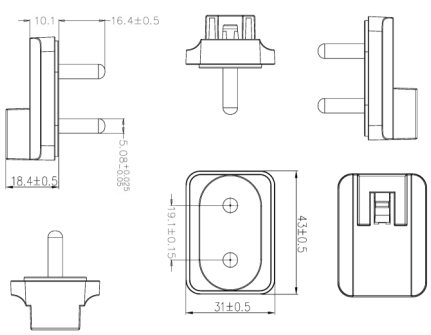
Korea (W2K)



China (W2C)



India (W2I)



Wall mount SYS1308-Wxx series 18W~24W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 75 x 34 x 43 [mm]

Efficiency level (ErP) : V

Approvals / Marks :

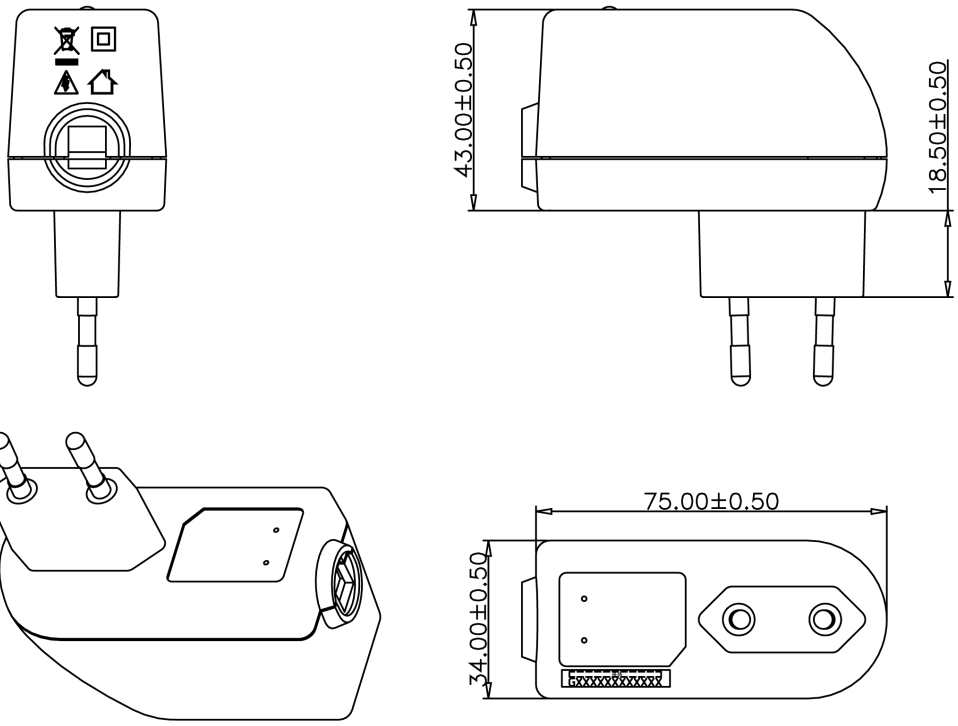
Features:

PWMIC electrical design.	For I.T.E. use only + RoHS conform.
Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz.	Over load, over voltage & short protection.
Output connector: standard: 2.1x5.5x11 or customer requirement.	
Available in versions: W2E(EU), W2(USA), W3U(UK), W2A (Australia), W2K(Korea), W2C (China).	

Specification:

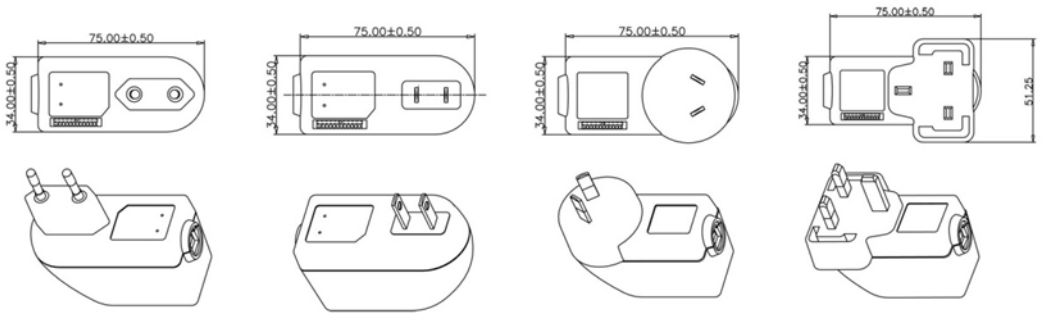
	Model	Voltage DC [V]	Loading [A]	Tol. [%]	OCP [A]	OVP max [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV] p-p	Connector UL Approved [mm]
ErP V.	**SYS1308-1808-Wxx**	**7.5**	**0~2.40**	**±5**	**3.0~5.5**	**16**	**>77.6**	**18**	**100**	**2.1x5.5x11**
	SYS1308-1809-Wxx	**9**	**0~2.00**	**±5**	**2.5~4.5**	**16**	**>77.6**	**18**	**100**	**2.1x5.5x11**
	SYS1308-2412-Wxx	**12**	**0~2.00**	**±5**	**3.5~5.5**	**16**	**>82**	**24**	**120**	**2.1x5.5x11**
	SYS1308-2415-Wxx	**15**	**0~1.60**	**±5**	**2.0~4.0**	**25**	**>82**	**24**	**150**	**2.1x5.5x11**
	SYS1308-2418-Wxx	**18**	**0~1.33**	**±5**	**2.0~4.0**	**25**	**>82**	**24**	**180**	**2.1x5.5x11**
	SYS1308-2424-Wxx	**24**	**0~1.00**	**±5**	**1.5~4.5**	**28**	**>82**	**24**	**240**	**2.1x5.5x11**
ErP V. / CE only	**SYS1308-2448-Wxx**	**48**	**0~0.50**	**±5**	**0.6~2.2**	**90**	**>82.1**	**24**	**480**	**2.1x5.5x11**
Wxx	Possible to order with	Wxx = W2E - Europe | W2 - USA,Canada,Japan | W3U - UK | W2A - Australia | W2K - Korea | W2C - China								
OEM Production	This model is certified for Uout=(3,5,6,7.5,9,12,15,18,24,48)V and Pout=in steps(9,15,18,24)W									
INPUT	Voltage	(90 ~ 264)VAC								
	Frequency	(47 ~ 63)Hz								
	Current	1A rms@ AC low line input and DC output full load								
	Inrush Surge Current (cold start)	40/60Amax. @ power supply cold start, ambient temperature 25°C @115Vac/230Vac nominal AC input.								
	Leakage current	<0.25 mA @ 240VAC input								
PROTECTION	Over load OCP	Fold back								
	Over Voltage OVP	Voltage limiting								
	Short Circuit	Yes, Output to Ground, Auto recovery when fault has been removed. Short Current & Over Current can not exceed 8A max. after 1minute at nominal line input.								
	Protection class	II.								
	No Load Operation	Yes, to protect the power supply and system from damage								
OTHERS	Dielectric Strength	HI-POT B / I/P-O/P (FG): 3KVAC / 10mA / 1 minute								
	Set up time	3000 ms max. @ AC low line Input & Output full load								
	Hold-up Time	10ms @ AC nominal Input and Output full load								
	MTBF Qualification	500,000 Calculated Hours at 25ºC, by Telcordia SR-332								
	DC cable & connector	Standard length of the cable 1,8m & It depends on customer requirements and upon specifications								
	Efficiency (Normal)	>77.6% min. @ 240VAC input & Full load								
	Efficiency level	V								
	Power Consumption	Max. 0.3W @ AC nominal Input and Output min. load – ERP IV. / ERP V has <0.3W								
	Input Fuse	1A protected against power line surges and any abnormal conditions								
ENVIRONMENT	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C								
	Humidity	Operating: (8 ~ 90)% RH / Storage: (5 ~ 95)% RH non condensing								
SAFETY	CE | GS | CB | cULus | FCC | CCC | KC | SAA | RCM									
CE	**EMC**	2014/30/EU								
	LVD	2014/35/EU EN 60950-1:2006+A11+A1+A12+A2								
WEIGHT	1pc	N.W.: 150g / pc								
		0.48 x 0.26 x 0.44 [m]								
PACKING	Box	80pcs / 1box								
		G.W.: 16.8kg / box								

Mechanical case specification:



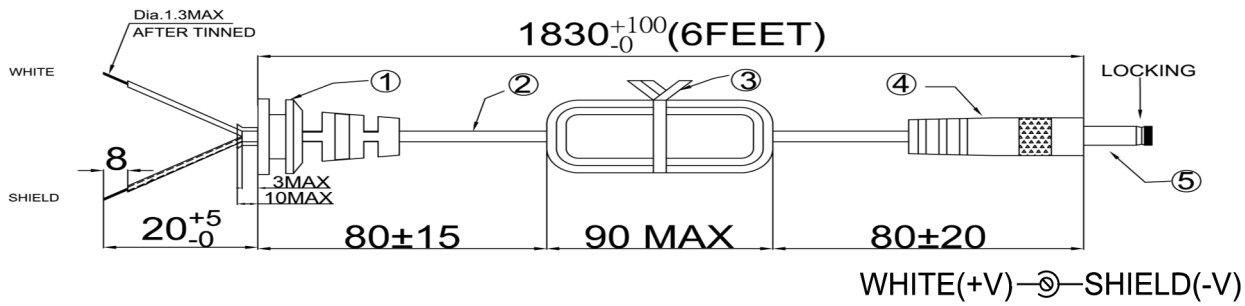
Mechanical specification (country housing):

Europe type (W2E) | US / Japan type (W2) | Australia type (W2A) | UK type (W3U)



Cable specification:

1185#20*1C + shield / 6FT (1830mm)



Wall mount SYS1308N-Wxx series 15W~24W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *75 x 34 x 43 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1308N-1505-Wxx	**5 (setup 5.1)**	**0~3.00**	**15**	**150**	**2.1x5.5x11**
SYS1308N-1505-Wxx	**5 (setup 5.1)**	**0~3.00**	**15**	**200**	**micro USB**
SYS1308N-1807-Wxx	**7.5**	**0~2.40**	**18**	**180**	**2.1x5.5x11**
SYS1308N-1809-Wxx	**9**	**0~2.00**	**18**	**180**	**2.1x5.5x11**
SYS1308N-2412-Wxx	**12**	**0~2.00**	**24**	**200**	**2.1x5.5x11**
SYS1308N-2415-Wxx	**15**	**0~1.60**	**24**	**200**	**2.1x5.5x11**
SYS1308N-2418-Wxx	**18**	**0~1.33**	**24**	**240**	**2.1x5.5x11**
SYS1308N-2424-Wxx	**24**	**0~1.00**	**24**	**240**	**2.1x5.5x11**
SYS1308N-2448-Wxx (CE only)	**48**	**0~0.50**	**24**	**480**	**2.1x5.5x11**

Features:

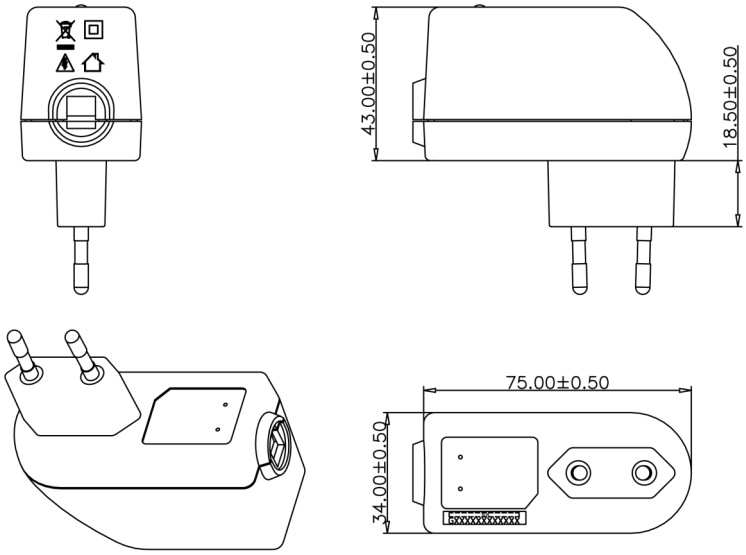
Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2K - Korea | W2C - China

Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	3000ms max 3S max on the condition that input volotage 230V, full load.
Hold up time	5ms min@AC nominal input@output full load
Efficiency	>81.39% min. Eff= 0.071 x ln(Po/1W) - 0.0014 x Po/1W + 0.67 Directive EU 2019/1782
Transient response (dv,tmax)	0.6V dv max At AC nominal input loading from 20%load to 80% load
	10ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Burn in limit	Ambient temp: 35C+-3%; 80% load; input voltage 230V; 2 hours.
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47 ~ 63)Hz
Current	1A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	60A max@power supply cold start, ambient temperature 25°C @100Vac/240Vac nominal AC input
leakage current	<0.25 mA @ 240VAC input
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance of less than 0.1 ohms.
Over Voltage	The power supply will not be auto recovered when faults remove 110%-150%. (Voltage limit)
Input protection	2A /250V Fuse. The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

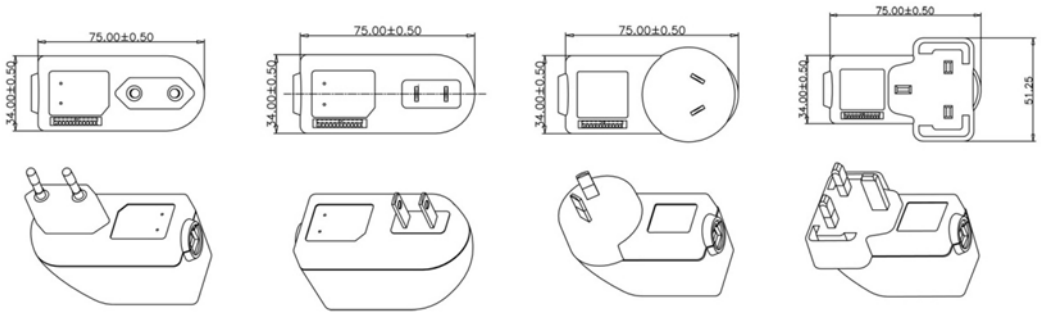
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CE | CB | TUV/GS | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	HI-POT B / IEC 320 2pin primary to secondary 4000Vdc 10mA 1min
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR -332
Cable Length	1830mm (6 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20%~85%RH non condensing
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 116-133g/pc based on the model	
Box cca 12kg based on the model	
PACKING	
Box	80 pcs/1 box

Mechanical case specification:



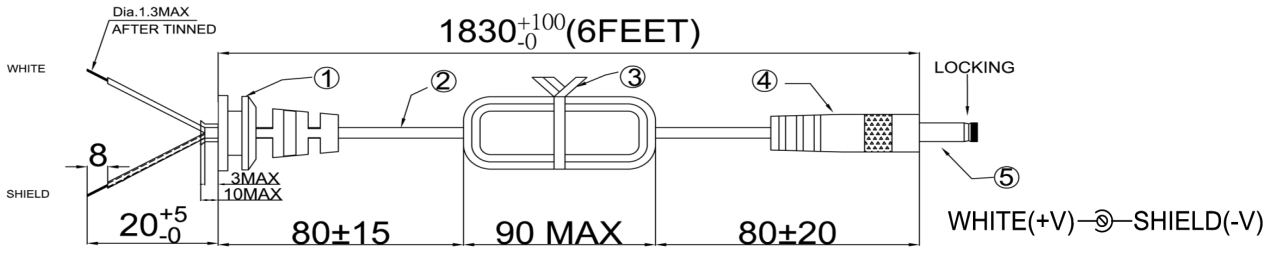
Mechanical specification (country housing):

Europe type (W2E) | US / Japan type (W2) | Australia type (W2A) | UK type (W3U)

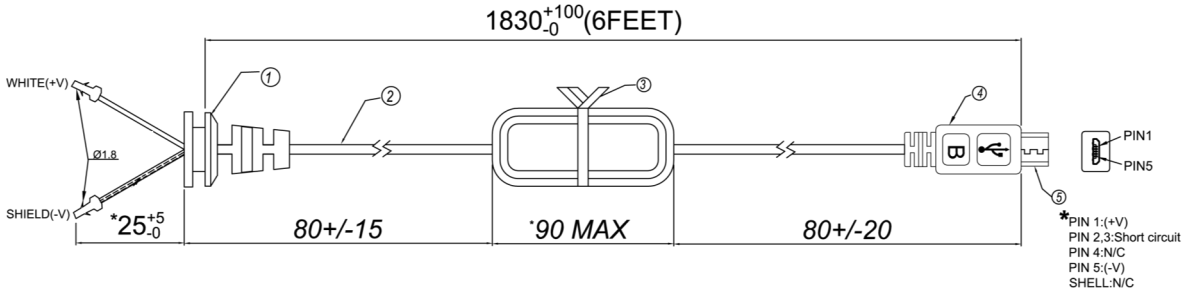


Cable specification:

1185#20*1C + shield / 6FT (1830mm)



Micro USB : 1185#18*1C + shield / 6FT (1830mm)



Wall mount SYS1541-Wxx series 15W~24W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 93.5 x 46 x 35.8 [mm]

Certified AC Plugs: EU, UK, USA/Japan, Aus, Korea, Brazil, Argentina, China, India, S. Africa

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1541-1505-Wxx*	**5 (setup 5.1)**	**0~3.0**	**15**	**200**	**2.1x5.5x11**
SYS1541-1505-Wxx*	**5 (setup 5.1)**	**0~3.0**	**15**	**200**	**USB-C**
SYS1541-1809-Wxx*	**9**	**0~2.0**	**18**	**200**	**2.1x5.5x11**
SYS1541-2412-Wxx*	**12**	**0~2.0**	**24**	**200**	**2.1x5.5x11**
SYS1541-2415-Wxx*	**15**	**0~1.6**	**24**	**200**	**2.1x5.5x11**
SYS1541-2418-Wxx*	**18**	**0~1.33**	**24**	**240**	**2.1x5.5x11**
SYS1541-2424-Wxx*	**24**	**0~1.0**	**24**	**240**	**2.1x5.5x11**

Features:

Certified plugs

Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2B - Brazil | W2G - Argentina | W2C - China | W2K - Korea | W2I - India | W3S - South Africa, India

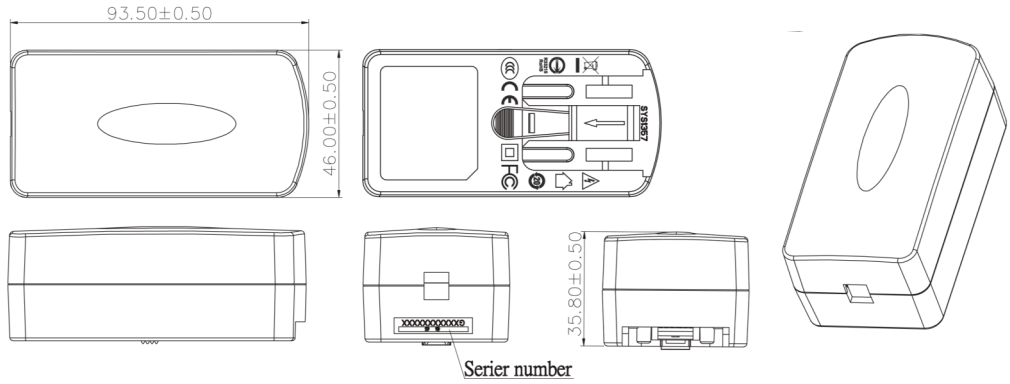
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified

Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI
Transient response (dv,tmax)	0.6V dv max At AC nominal input loading from 20%load to Dynamic rise time 10us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 28w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground. And auto recovery when abnormal circuit faults remove ,An output short circuit is defined as any output impedance of less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected
No Load protection	The power supply is provided with no load operation to
Protection class	II, (ITU-T K.21 Surge 6KV on request)

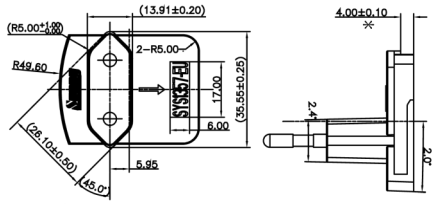
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2018
SAFETY	
CB | CE | GS | FCC | cULus | CCC | BSMI | PSE | KCC(1505,2412,2415,2424) | SAA | RCM | PSB(1505,2412,2424) | NOM(2412) | UKCA | EAC | INMETRO | BIS(2412,2424) | S-MARK | UkrSEPRO | LoA | SII(1505) | SASO (2424)	
OTHERS	
Dielectric Strength	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non con-
WEIGHT	
NW: 135g/pc	
GW: 12.5kg/box	
PACKING	
PE plastic bag	63 pcs/1 box

Mechanical case specification:

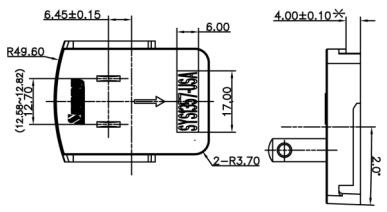


Mechanical specification (country housing):

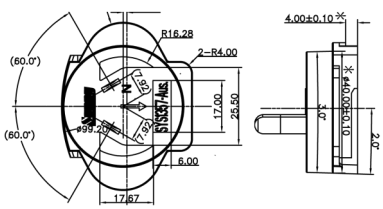
Europe type (W2E)



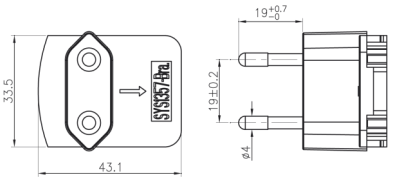
US type (W2)



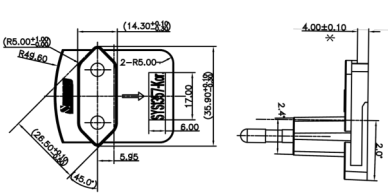
Australia type (W2A)



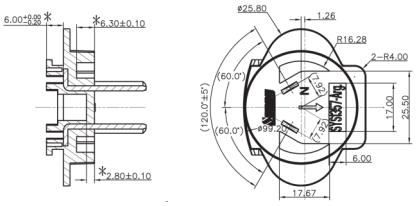
Brazil type (W2B)



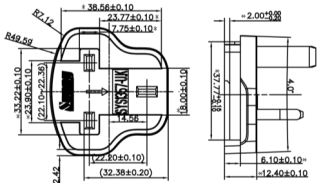
Korea type (W2K)



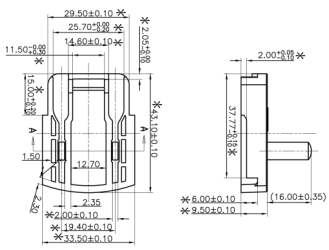
Argentina type (W2G)



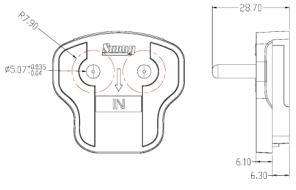
UK type (W3U)



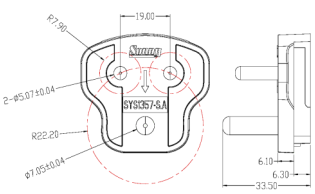
China type (W2C)



India type (W2I)

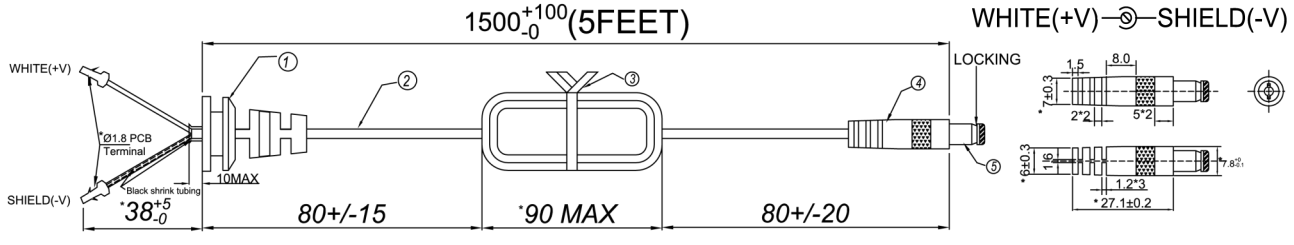


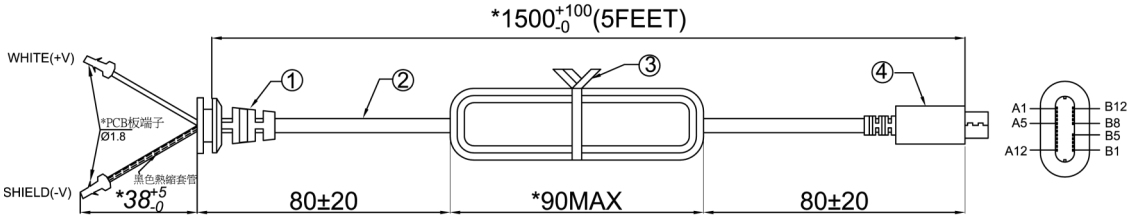
South Africa type (W3S)



Cable specification:

1185#18*1C | 1500mm





Wall mount SYS1308N special 24W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *75 x 34 x 43 [mm]*

Efficiency level (ErP) : VI

Approvals / Marks :

CE

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1308N-2412-special	**12**	**0~2.00**	**24**	**200**	**2.1x5.5x11**

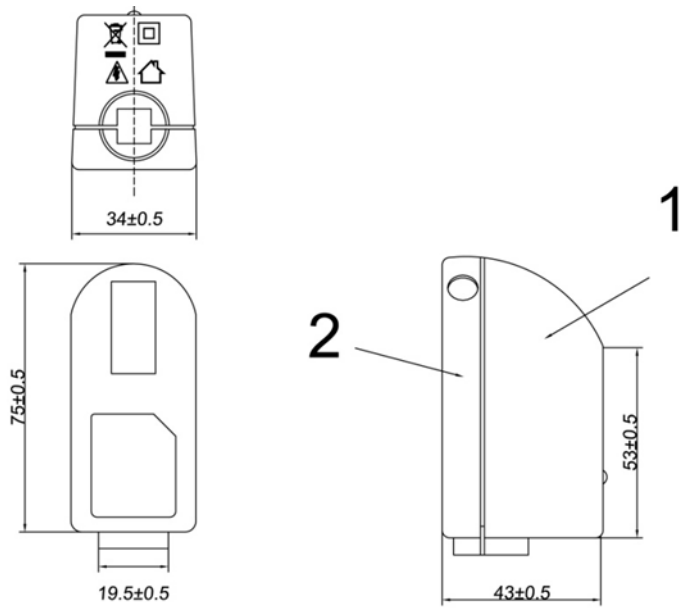
Features:

Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	3000ms max 3S max on the condition that input volotage 230V,
Hold up time	5ms min@AC nominal input@output full load
Efficiency	>86.2% min. Eff= 0.071 x ln(Po/1W) - 0.0014 x Po/1W + 0.67 Directive EU 2019/1782
Transient response (dv,tmax)	0.6V dv max At AC nominal input loading from 20%load to 80%
	10ms tmax Dynamic rise time 10 us max,duty 40ms
Burn in limit	Ambient temp: 35C+-3%; 80% load; input voltage 230V; 2 hours.
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47 ~ 63)Hz
Current	1A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	60A max@power supply cold start, ambient temperature 25°C @100Vac/240Vac nominal AC input
leakage current	<0.25 mA @ 240VAC input
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove. An output short
Over Voltage	The power supply will not be auto recovered when faults remove
Input protection	2A/250V Fuse. F2 connected from MOV(Varistor) to remaining PS circuitry to protect PS from excessive current draw.
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II

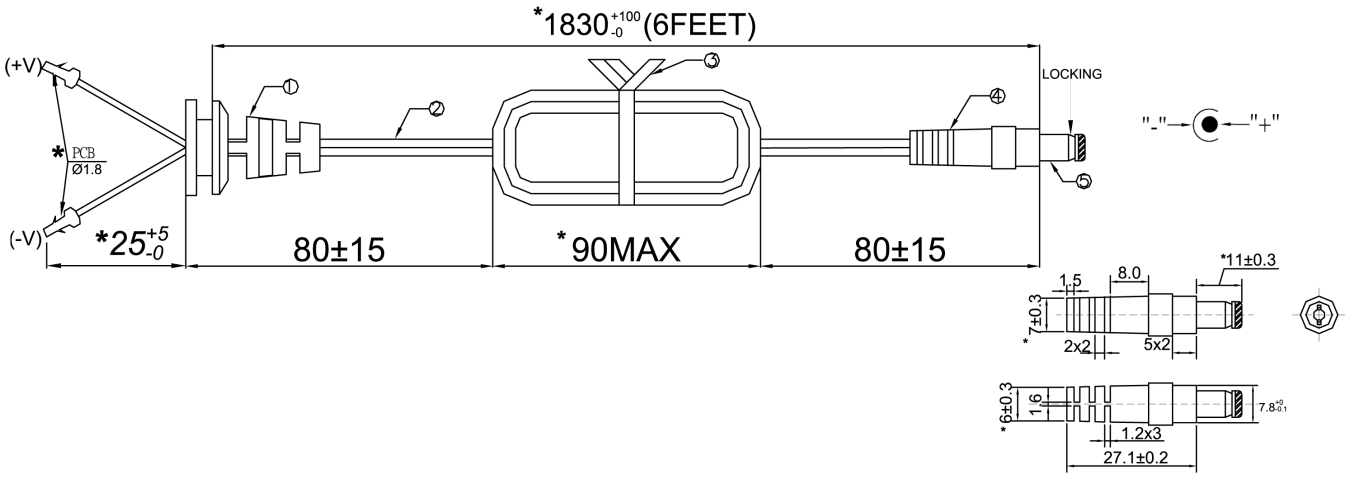
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CE	
OTHERS	
Dielectric Strength (Hi-pot)	HI-POT B / IEC 320 2pin primary to secondary 4000Vdc 10mA 1min
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR -332
Cable Length	1830mm (6 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20%~85%RH non condensing
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 105g/pc + plug	
GW: 122g/pc + plug	
PACKING	
Box	80 pcs/1 box

Mechanical case specification:

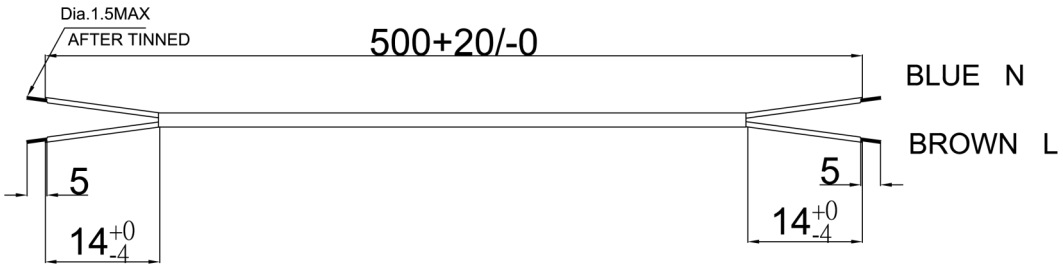


Cable specification:

A) DC- output: STP-1#18AWG*2C (2.1*5.5*11)



B) AC-input :



Wall mount SYS1588-W2E series 20W~30W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 75 x 34 x 89 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1588-2005-W2E	**5.1**	**0~4**	**20.4**	**120**	**2.1x5.5x11**
SYS1588-2005-W2E	**5.1**	**0~4**	**20.4**	**120**	**USB-C**
SYS1588-2406-W2E	**6**	**0~4**	**24**	**120**	**2.1x5.5x11**
SYS1588-3009-W2E	**9**	**0~3.33**	**30**	**120**	**2.1x5.5x11**
SYS1588-3012-W2E	**12**	**0~2.5**	**30**	**200**	**2.1x5.5x11**
SYS1588-3015-W2E	**15**	**0~2.0**	**30**	**200**	**2.1x5.5x11**
SYS1588-3018-W2E	**18**	**0~1.66**	**30**	**240**	**2.1x5.5x11**
SYS1588-3024-W2E	**24**	**0~1.25**	**30**	**240**	**2.1x5.5x11**
SYS1588-3048-W2E	**48**	**0~0.63**	**30**	**400**	**2.1x5.5x11**

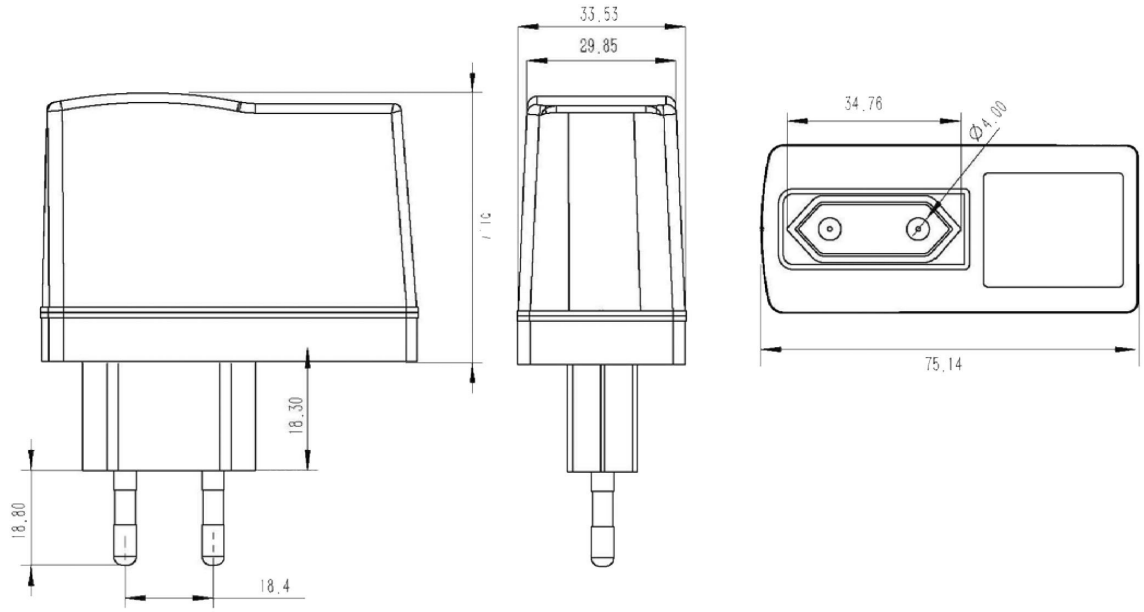
Features:

Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	5000 ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>85%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load 16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	30W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply shall be self-recovering when the fault condition is removed.
Input protection	The switching adaptor use 3.15A fuse.
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II, (ITU-T K.21 Surge 6KV on request)

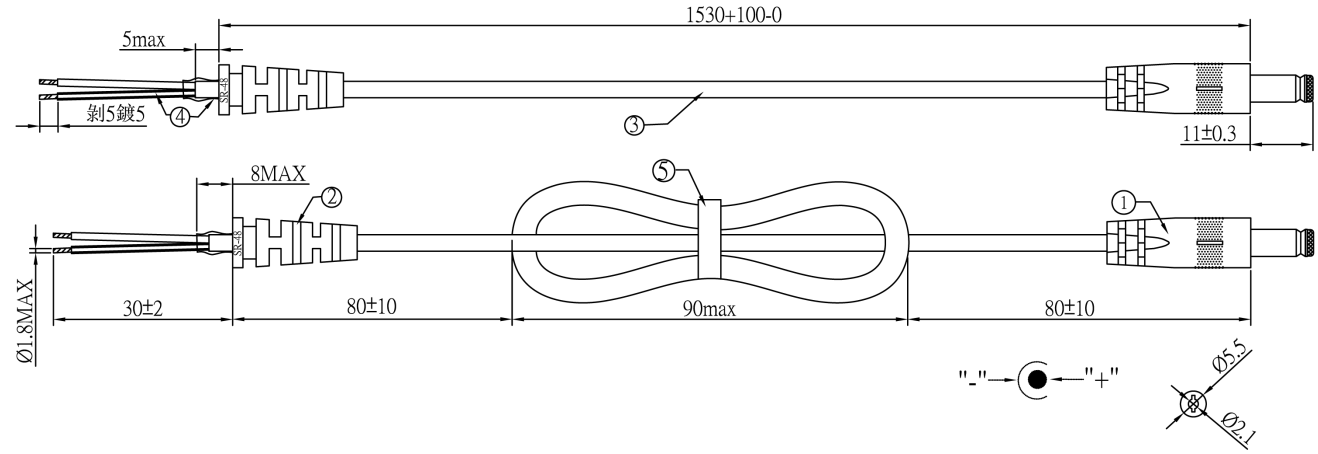
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CE | GS | cTUVus | EAC	
OTHERS	
Dielectric Strength (Hi-pot)	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 158g/pc	
GW: 178g/pc	
PACKING	
Box	80 pcs/1 box

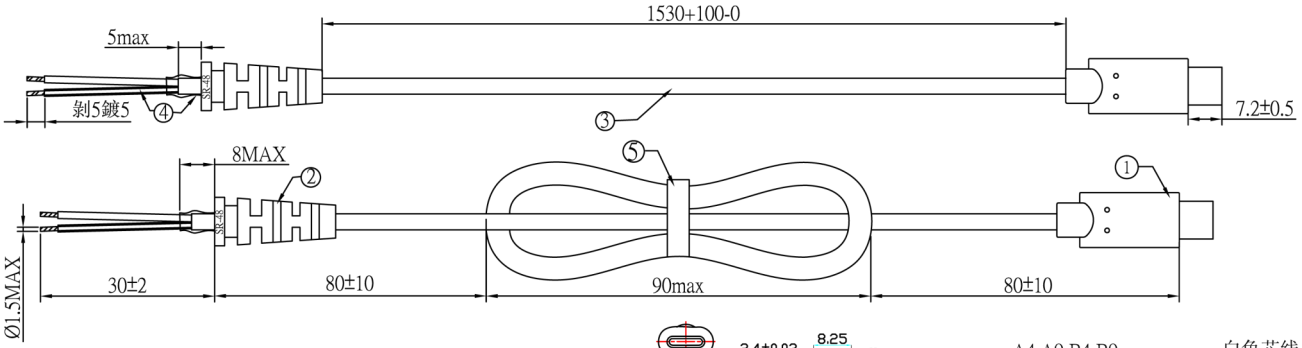
Mechanical case specification:

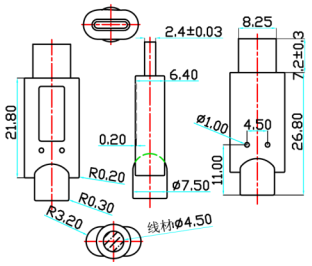


Cable specification:

1185#16AWG*1C|







A4,A9,B4,B9 — 白色芯线
A5 — 10K电阻
A1,A12,B1,B12 — 隔离线
A6
A7 — 短路

Wall mount SYS1588-Wxx series 20W~30W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 80x 58x 39 [mm]

Certified AC Plugs: EU, UK, USA/Japan/Taiwan, Aus, China, Korea

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1588-2005-Wxx*	**5.1**	**0~4.0**	**20.4**	**120**	**2.1x5.5x11**
SYS1588-2406-Wxx*	**6**	**0~4.0**	**24**	**120**	**2.1x5.5x11**
SYS1588-2709-Wxx*	**9**	**0~3.0**	**27**	**120**	**2.1x5.5x11**
SYS1588-3012-Wxx*	**12**	**0~2.5**	**30**	**200**	**2.1x5.5x11**
SYS1588-3015-Wxx*	**15**	**0~2.0**	**30**	**200**	**2.1x5.5x11**
SYS1588-3018-Wxx*	**18**	**0~1.66**	**30**	**240**	**2.1x5.5x11**
SYS1588-3024-Wxx*	**24**	**0~1.25**	**30**	**240**	**2.1x5.5x11**
SYS1588-3048-Wxx*	**48**	**0~0.63**	**30**	**400**	**2.1x5.5x11**

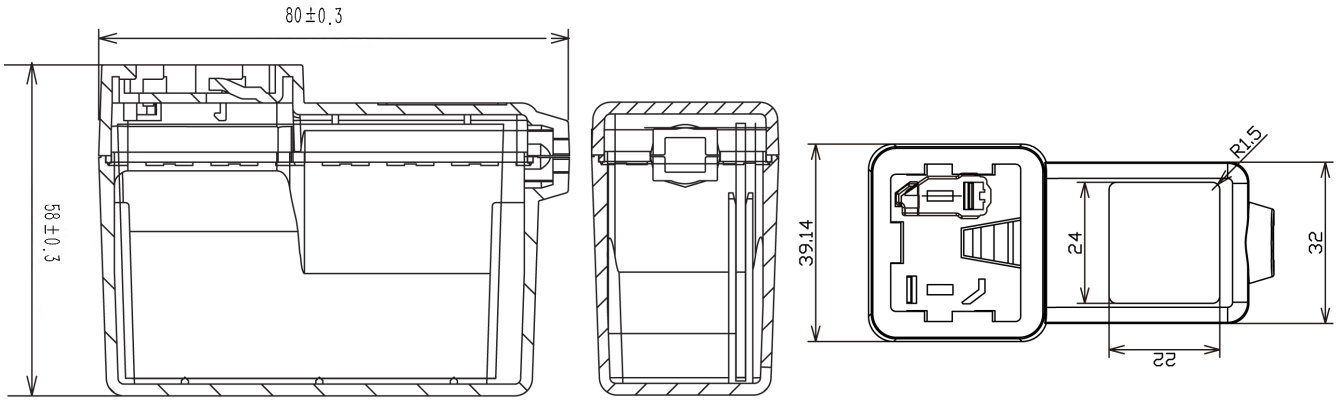
Features:

Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2C - China | W2K - Korea
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	5000 ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>85%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	30W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	In 264Vac input,leakage current of input can not more than 0.25mA
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply shall be self-recovering when the fault condition is removed.
Input protection	The switching adaptor use 3.15A fuse.
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II, (ITU-T K.21 Surge 6KV on request)

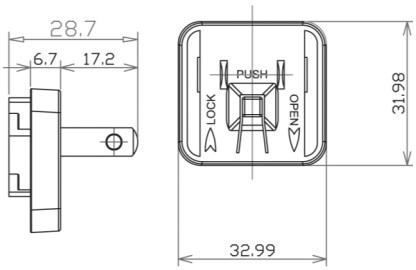
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 173g/pc + plug	
GW: 193g/pc + plug	
PACKING	
Box	75 pcs/1 box

Mechanical case specification:

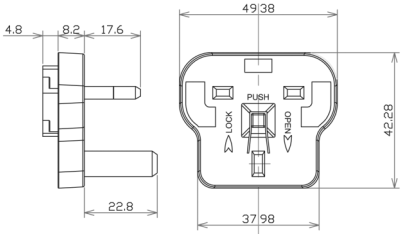


Mechanical specification (country housing):

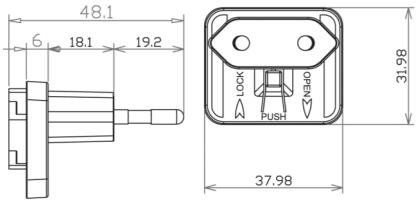
US / Japan type (W2)



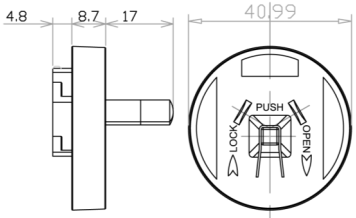
UK type (W3U)



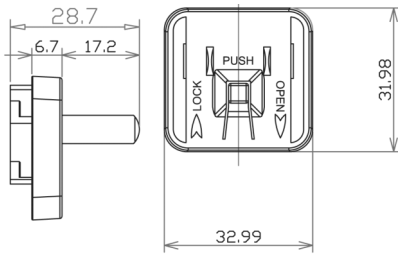
Europe type (W2E)



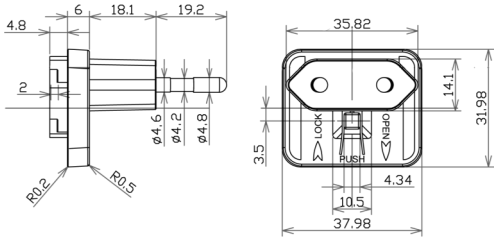
Australia type (W2A)



China type (W2C)

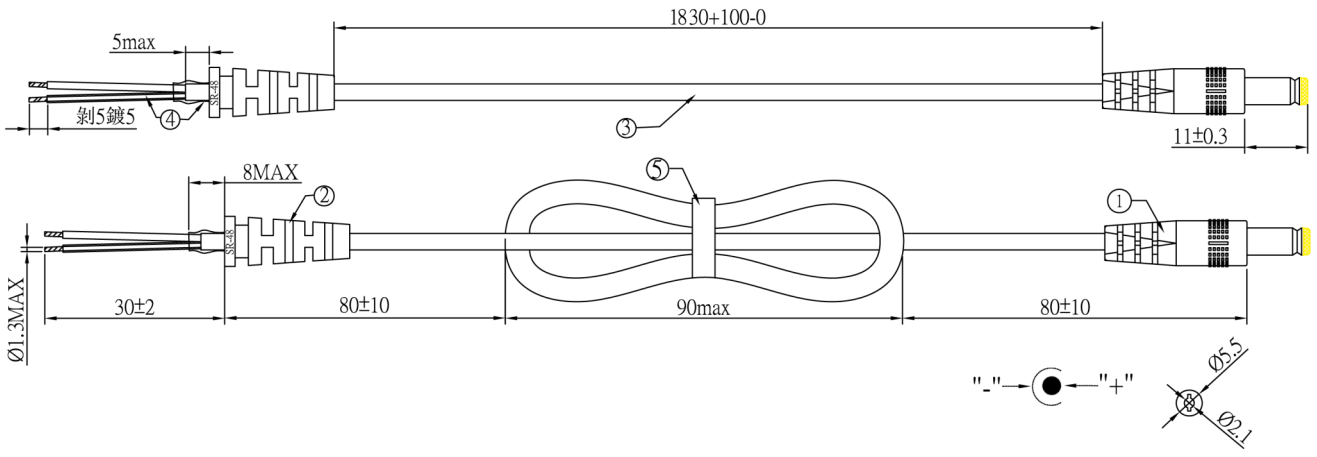


Korea type (W2K)



Cable specification:

1185#16AWG*1C/5FEET / 1185#20AWG/6FEET|1530mm -1830mm



Wall mount SYS1588-Wxx series 30W~40W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 80x 58x 39 [mm]

Certified AC Plugs: EU, UK, USA/Japan/Taiwan, Aus, China, Korea

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1588-2505-Wxx*	**5**	**0~5**	**25**	**120**	**2.1x5.5x11**
SYS1588-3609-Wxx*	**9**	**0~4**	**36**	**120**	**2.1x5.5x11**
SYS1588-4012-Wxx*	**12**	**0~3.3**	**40**	**200**	**2.1x5.5x11**
SYS1588-4015-Wxx*	**15**	**0~2.6**	**40**	**200**	**2.1x5.5x11**
SYS1588-4018-Wxx*	**18**	**0~2.2**	**40**	**240**	**2.1x5.5x11**
SYS1588-4024-Wxx*	**24**	**0~1.6**	**40**	**240**	**2.1x5.5x11**
SYS1588-4048-Wxx*	**48**	**0~0.8**	**40**	**400**	**2.1x5.5x11**

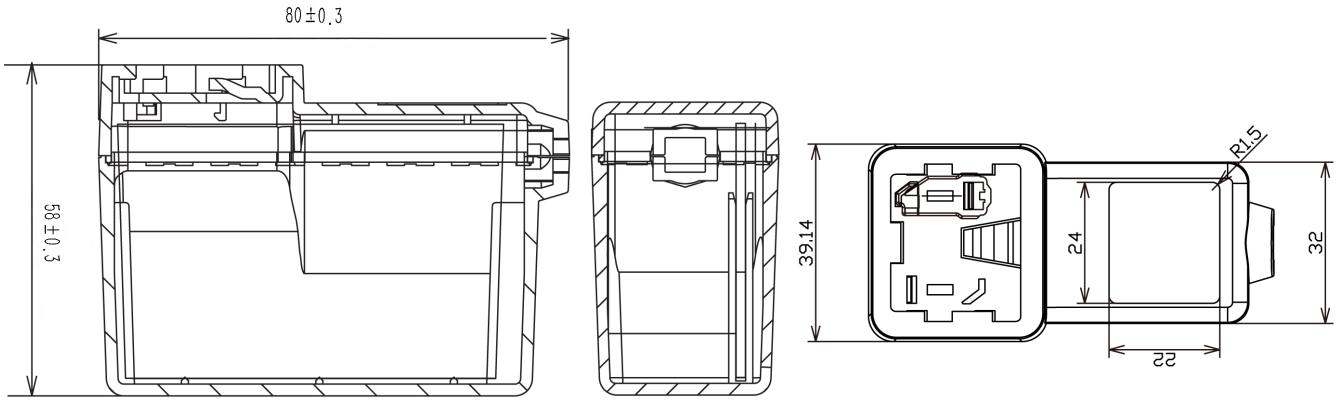
Features:

Certified plugs Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan,Taiwan | W2A - Australia | W2C - China | W2K - Korea
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	5000 ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>87%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	40W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	5mA maximum,At nominal AC input voltage and frequency.
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply shall be self-recovering when the fault condition is removed.
Input protection	The switching adaptor use 2.0A fuse.
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II, (ITU-T K.21 Surge 6KV on request)

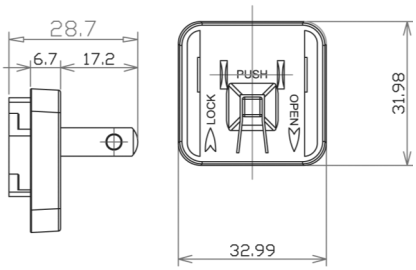
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 173g/pc + plug	
GW: 193g/pc + plug	
PACKING	
Box	75 pcs/1 box

Mechanical case specification:

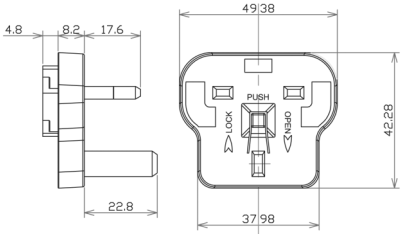


Mechanical specification (country housing):

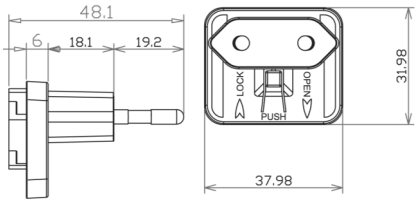
US / Japan type (W2)



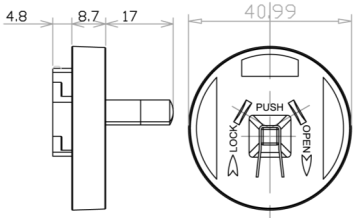
UK type (W3U)



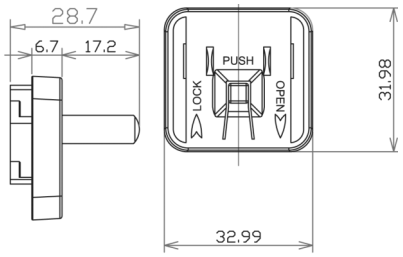
Europe type (W2E)



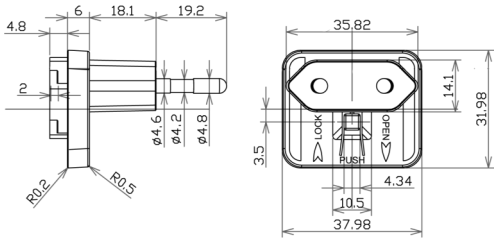
Australia type (W2A)



China type (W2C)

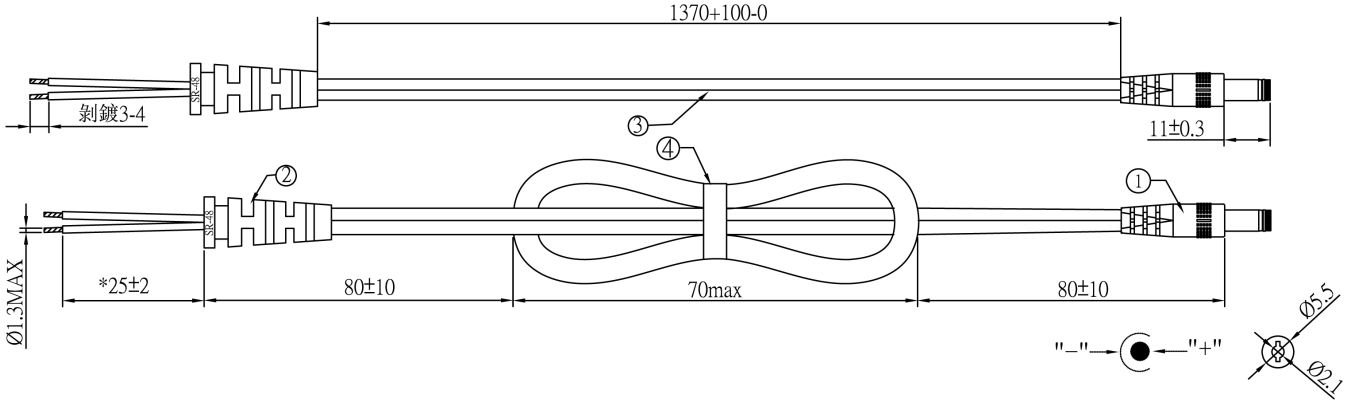


Korea type (W2K)



Cable specification:

2468#18AWG*2C



Wall mount SYS1621-W2E series 30-60W

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 58 × 58 × 28 [mm] (for 30W model)
65 × 65 × 28[mm] (for 45&60W models)

Efficiency level (ErP) : VI

GREEN MODE **RoHS**

CE

Specifications

Model	Voltage DC/Loading [V/A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector
SYS1621-Type C 30	**5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A**	**30**	**150**	**USB-C**
SYS1621-Type C 45	**5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.2A**	**45**	**150**	**USB-C**
SYS1621-Type C 60	**5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A**	**60**	**200**	**USB-C**

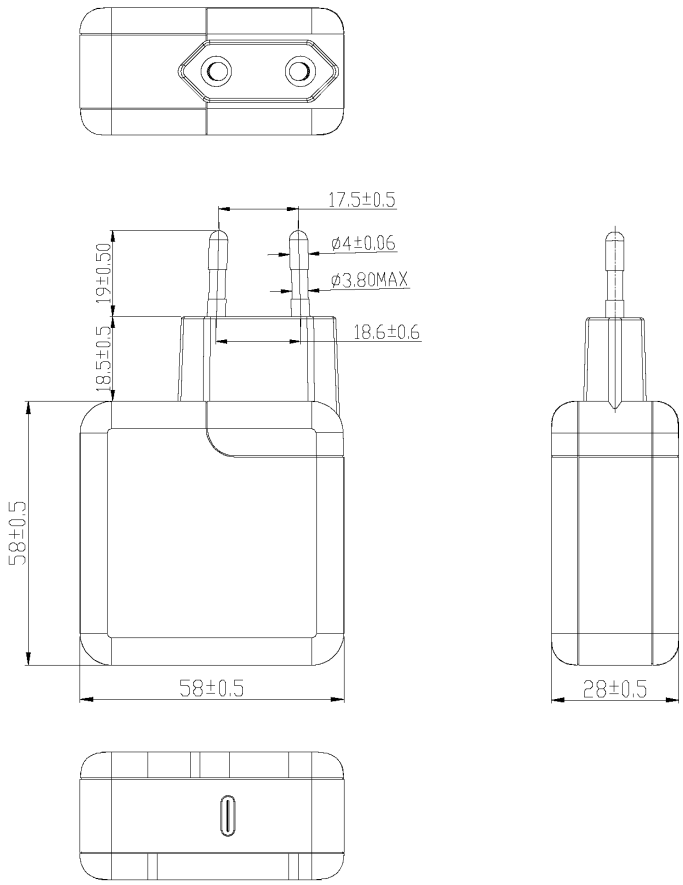
Features:

PSU housing ready for use in country: Wxx = W2E - Europe
Output connector: Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty | Power delivery

OUTPUT	
Turn delay	5000 ms max @ AC low line input@output full load
Hold up time	10ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level
Transient response (dv,tmax)	0.4v dv max At AC nominal input loading from 50% load to 16ms tmax | Dynamic rise time 10uS max , duty 40mS max , Dynamic load step is slew rate of 0.5A/uS
Power out.Limit	30-60W based on the model
Burn in limit	Full load 2 Hours
Power consumption	0.075W for Type C 30W and 45W 0.15W for Type C 60W
Output regulation	Auto-detect the charging voltage and current for Type C and iOS devices. Meet PD3.0,QC 3.0 requirements rules
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms @ AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1 2A/250V Fuse The power supply shall be protected
No Load protection	The power supply is provided with no load operation to
Protection class	II

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CE	
OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
DC output	Type C
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condens-ing
WEIGHT	
NW: 150g/pc	
GW: 16kg/box	
PACKING	
PE plastic bag	100 pcs /1 box

Mechanical case specification:



58 × 58 × 28 [mm] (for 30W model)
65 × 65 × 28 [mm] (for 45&60W models)

Wall mount SYS1621-Wxx series 30-60W

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 58 × 58 × 28 [mm] (for 30W model)
65 × 65 × 28[mm] (for 45&60W models)

Efficiency level (ErP) : VI

GREEN MODE **RoHS**

Specifications

Model	Voltage DC/Loading [V/A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector
SYS1621-Type C 30	**5V/3A, 9V/3A, 12V/2.5A, 15V/2A, 20V/1.5A**	**30**	**300**	**USB-C**
SYS1621-Type C 45	**5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.2A**	**45**	**300**	**USB-C**
SYS1621-Type C 60	**5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A**	**60**	**300**	**USB-C**

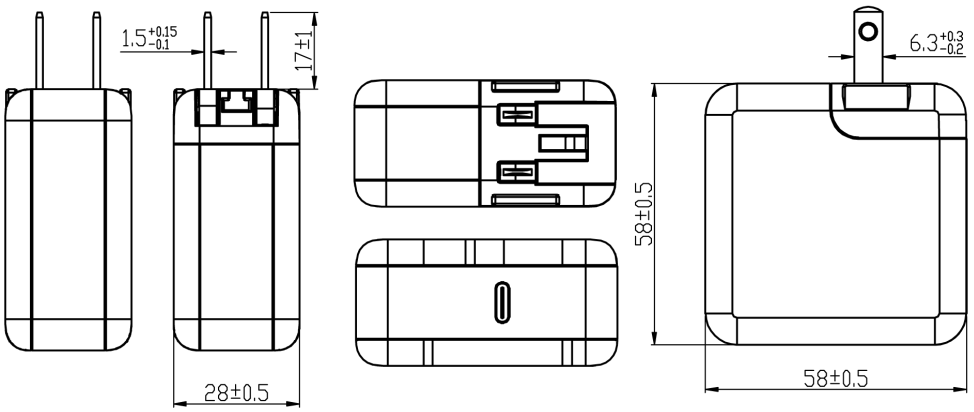
Features:

Changeable plugs ready for use in countries:
Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan (fixed) | W2A - Australia | W2G - Argentina | W2K - Korea | W2C - China | W2I - India
Output connector: Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified

OUTPUT	
Turn delay	5000 ms max @ AC low line input@output full load
Hold up time	10ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4v dv max At AC nominal input loading from 50% load to max load or peak load
	16ms tmax | Dynamic rise time 10uS max duty 40mS max , Dynamic load step is slew rate of 0.5A/uS
Power out.Limit	30-60W based on the model
Burn in limit	Full load 2 Hours
Power consumption	0.10W for Type C 30W and 45W 0.21W for Type C 60W
Output regulation	Auto-detect the charging voltage and current for Type C and iOS devices. Meet PD3.0,QC 3.0 requirements rules
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms @ AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1 2A/250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CE | FCC | UKCA	
OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
DC output	Type C
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	<±0.5%/°C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condens-ing
WEIGHT	
NW: 150g/pc	
GW: 16kg/box	
PACKING	
PE plastic bag	100 pcs /1 box

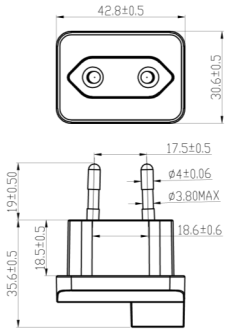
Mechanical case specification: + fixed plug US / Japan type (W2)



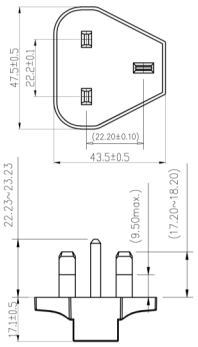
58 × 58 × 28 [mm] (for 30W model)
65 × 65 × 28 [mm] (for 45&60W models)

Mechanical specification (country housing):

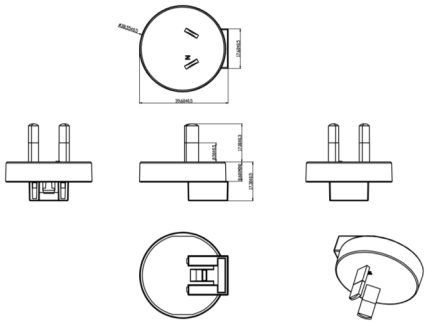
Europe type (W2E)



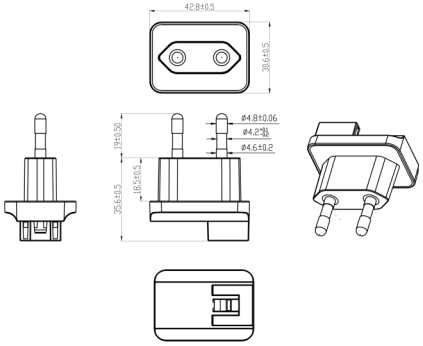
UK type (W3U)



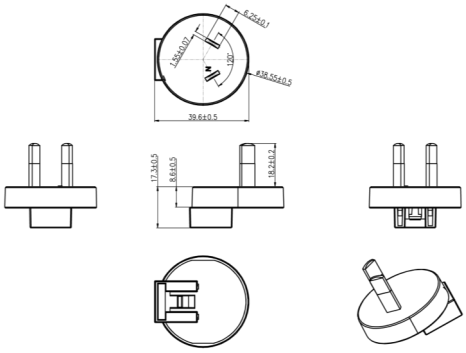
Australia type (W2A)



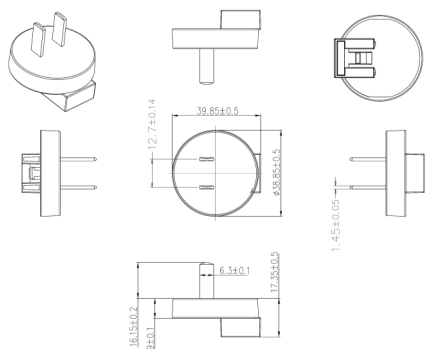
Korea (W2K)



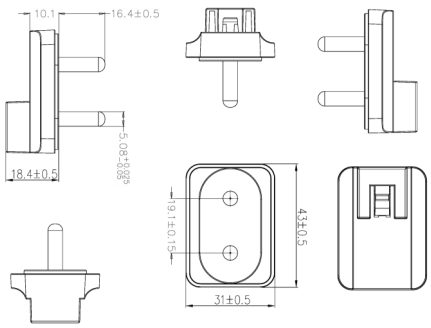
Argentina (W2G)



China (W2C)



India (W2I)



Wall mount SYS1621-TYPE C 60-T2 W2F 60W

Country of Origin :	*China*
Operating Temperature :	*0~40 [°C]*
Dimension :	*61 × 61 × 29 [mm]*
Efficiency level (ErP) :	VI
GREEN MODE	**RoHS**

Specifications

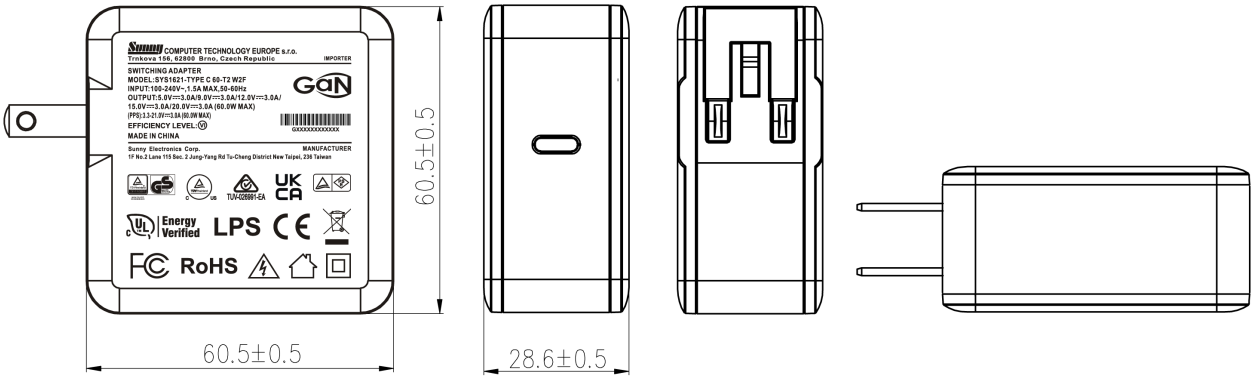
Model	Voltage DC/Loading [V/A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector
SYS1621-TYPE C 60-T2 W2F	**5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A**	**60**	**250**	**USB-C**

Features:

GaN technology Power Supply
Auto-detect the charging voltage and current for Type C and ios devices.
Meet PD3.0 requirement rules
The Programmable Power Supply (PPS) output is 3.3-21V / 3.0A max (60W max)
Changeable plugs ready for use in countries:
Wxx = W2E - Europe | W3U - England | W2 - USA, Canada, Japan (fixed) | W2A - Australia | W2G - Argentina | W2K - Korea | W2C - China | W2I - India
Output connector: Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | 2 Years Warranty

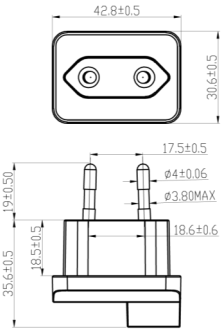
INPUT | OUTPUT	**Voltage**	90-264VAC
	Current	1.5A rms max | At AC low line input and DC output full load
	Inrush Current	0
	Power consumption	0.21W max. with output no load at 115VAC/230VAC input
	Efficiency	Meet ERP level VI
	Hold up time	0
	Turn delay	5000mS max. | At AC low line input @ output full load.
	Ripple|noise	250mV
	Burn-in	2 Hour Full Load
PROTECTION	**Over current|Short protection**	Fold back | Auto recovery when abnormal circuit faults remove.
	Over Voltage	Auto recovery
	Input protection	3.15A/250V Fuse | The power supply shall be protected against power line surges and any abnormal condition
	Protection class	Class II
SAFETY	**CE EMC**	2014/30/EU
	CE LVD	2014/35/EU EN IEC 62368-1:2020+A11:2020
	Safety approvals	GS | cTUVus | FCC | CE | CB | SAA+RCM | PSE | UKCA
	Dielectric Strength (Hi-pot)	IEC 320 2pin primary to secondary 4000Vdc 10mA 1min
	Leakage current	0.25 mA max.
ENVIRONMENTAL	**Temperature**	Operating: -5~35°C / Storage: -20~85°C
	Humidity	Operating: 8%~90%RH / Storage:5%~95% RH
	Cooling	Natural Convection Cooling
OTHER	**MTBF**	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
	Weight	0
	Dimension	61x61x29 mm
	Packing	100 pcs | 1 box

Mechanical case specification: + fixed plug US / Japan type (W2)

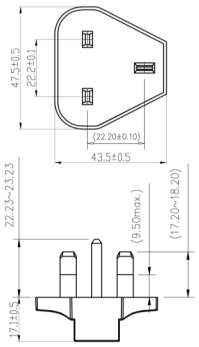


Mechanical specification (country housing):

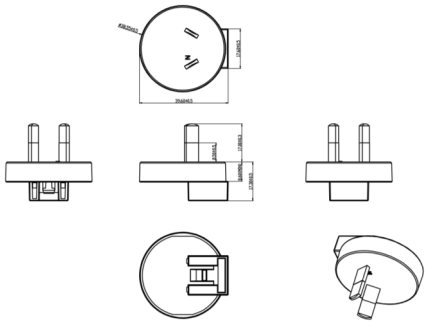
Europe type (W2E)



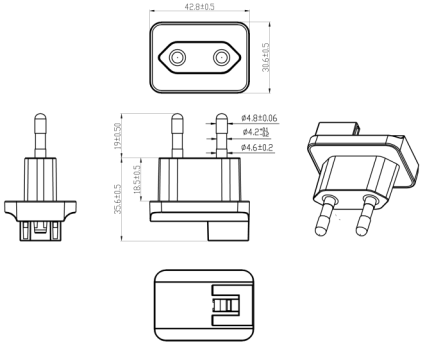
UK type (W3U)



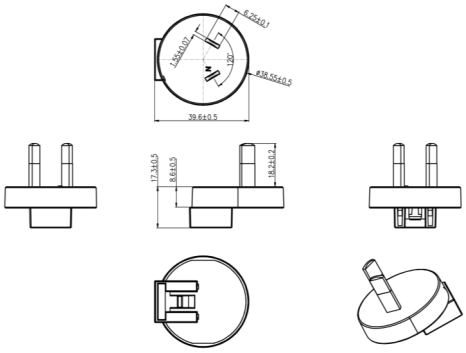
Australia type (W2A)



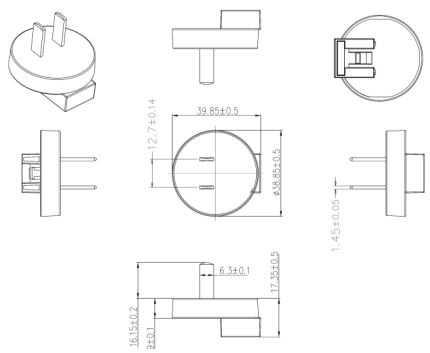
Korea (W2K)



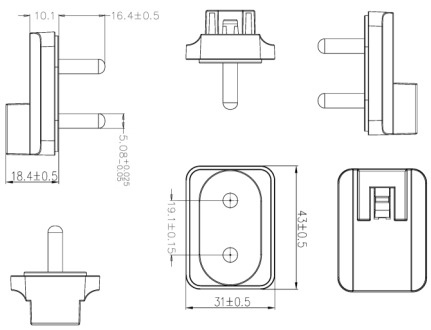
Argentina (W2G)



China (W2C)



India (W2I)



Desktop PoE-M3 series 12~24W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Efficiency level (ErP) :

Approvals / Marks :

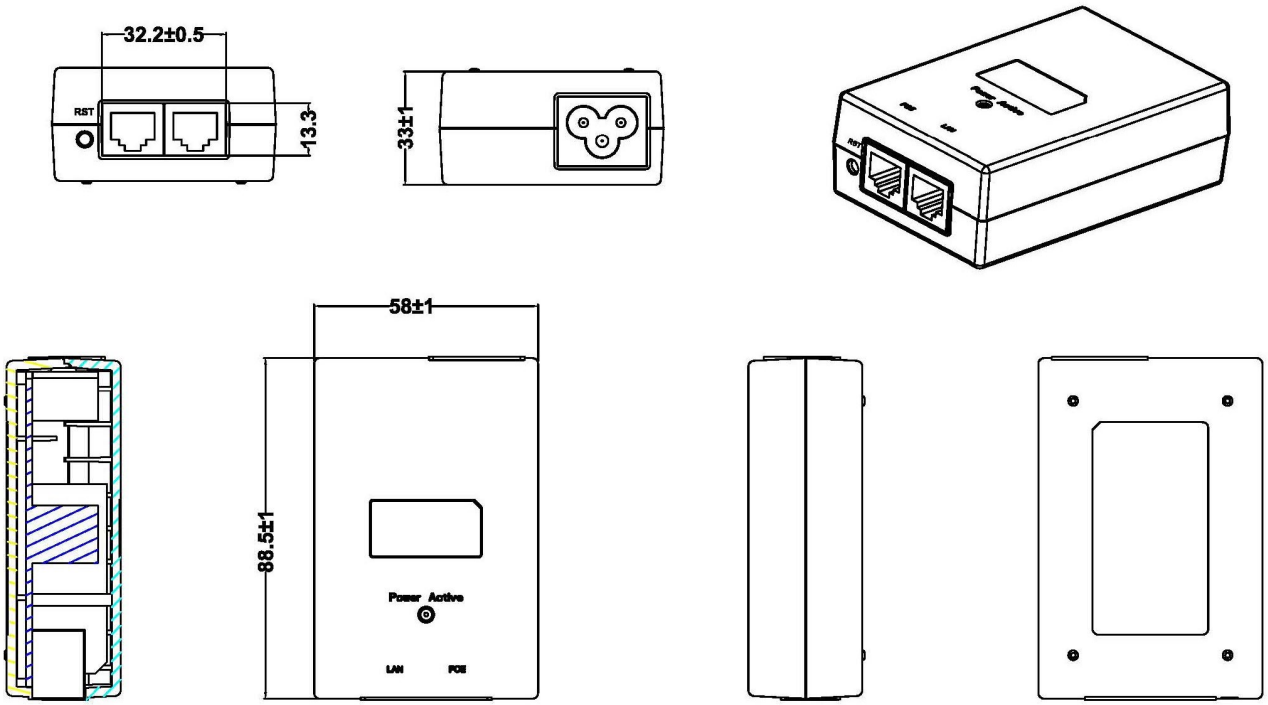
Features:

LAN Activity Indicator:	Detects if LAN is connected to device
Remote Reset Capability:	Supports Airmax Bullet, Rocket, Nano, Pico
APPLICATION: telecommunication apparatus only	

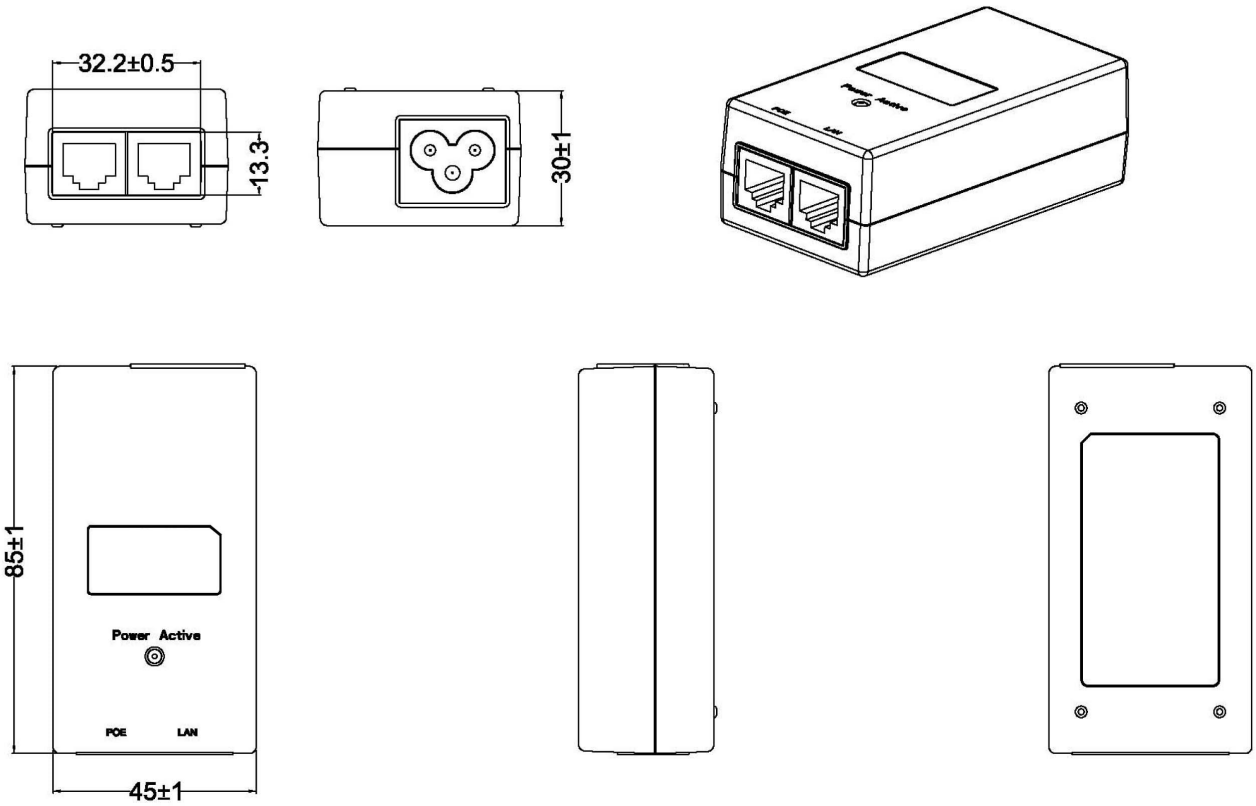
Specification:

Model	PoE-1215-M3	PoE-2424-M3
Size (L*W*H)	85 x 43 x 30 [mm]	85 x 55 x 33 [mm]
Output Voltage:	15VDC @0.8A	24VDC @1.0A
Input Voltage:	90-260VAC @47-63Hz	90-260VAC @47-63Hz
Input Current:	0.3A @120VAC, 0.2A @230VAC	0.3A @120VAC, 0.2A @230VAC
Inrush Current:	<15A peak @120VAC, <30A peak	<15A peak @120VAC, <30A peak
Efficiency	78%	78%
Output Ripple	1% Max (150mV)	1% Max (240mV)
Short Circuit	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground
Peak Load Current	Max. 1.1A (time <60sec)	Max 1.3A (time <60sec)
Hold-up Time	10mS at typical input voltage and full load	10mS at typical input voltage and full load
Turn-on Delay	3sec at typical input voltage and load current	3sec at typical input voltage and load current
Over Current	Auto recovery	Auto recovery
Over Voltage Protection	Typ. 16.5V, Max 19.5V	Typ. 27.6V, Max. 32V
Switching Frequency	200kHz	200kHz
Line Regulation	+/- 0.5%	+/- 0.5%
Load Regulation	+/- 1%	+/- 1%
Suitable AC cable	IEC320-C5 (“Mickey Mouse”)	IEC320-C5 (“Mickey Mouse”)
Data IN / PoE	RJ45 Shielded Socket	RJ45 Shielded Socket
80% Current Indicator	Power LED will change color	Power LED will change color
Surge Protection	Common Mode	Common Mode
Shunt Capacitance	<5pF data	<5pF data
Response Time	<1Sec	<1Sec
Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C
Humidity	Operating: 5% ~ 90% non condensing	Operating: 5% ~ 90% non condensing
SAFETY	CE | FC | TUV/GS | cULud	
CE	**EMC** 2014/30/EU	
	LVD 2014/35/EU EN 60950-1:2006+A11+A1+A12+A2	
WEIGHT / 1pc	N.W.: 0,092kg / pc | G.W.: 0,105kg / pc	N.W.: 0,135kg / pc | G.W.: 0,148kg / pc
PACKING / Box	0.410(L) x 0.280(W) x 0.240(H) [m]	
	96 pcs / 1box	
	G.W.: 11kg/box	G.W.: 15.2kg/box

Mechanical case specification of PoE-1215-M3 :



Mechanical case specification of PoE-2424-M3 :



Desktop SYS1001-T2 series 5W~6W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *93 x 50 x 33 [mm]*

Efficiency level (ErP) :

VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1001-0505-T2	**5**	**0~1.0**	**5**	**150**	**2.1x5.5x11**
SYS1001-0608-T2	**7.5**	**0~0.8**	**6**	**150**	**2.1x5.5x11**
SYS1001-0609-T2	**9**	**0~0.66**	**6**	**150**	**2.1x5.5x11**
SYS1001-0612-T2	**12**	**0~0.5**	**6**	**150**	**2.1x5.5x11**
SYS1001-0615-T2	**15**	**0~0.4**	**6**	**200**	**2.1x5.5x11**
SYS1001-0618-T2	**18**	**0~0.33**	**6**	**200**	**2.1x5.5x11**
SYS1001-0624-T2	**24**	**0~0.25**	**6**	**240**	**2.1x5.5x11**

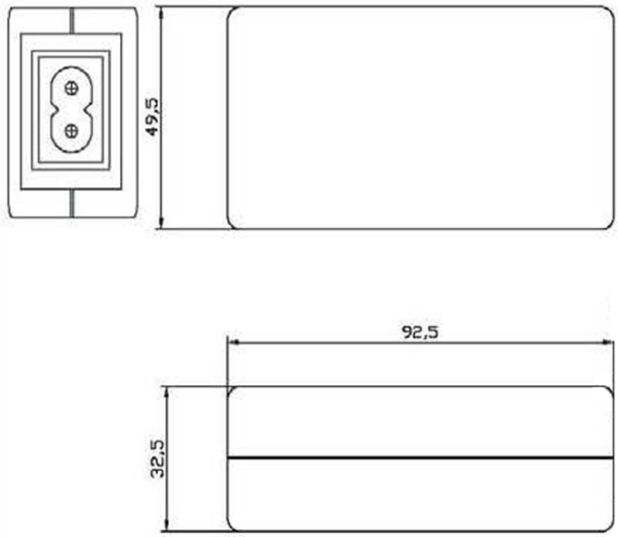
Features:

Available in inlet version: C7 (T2)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

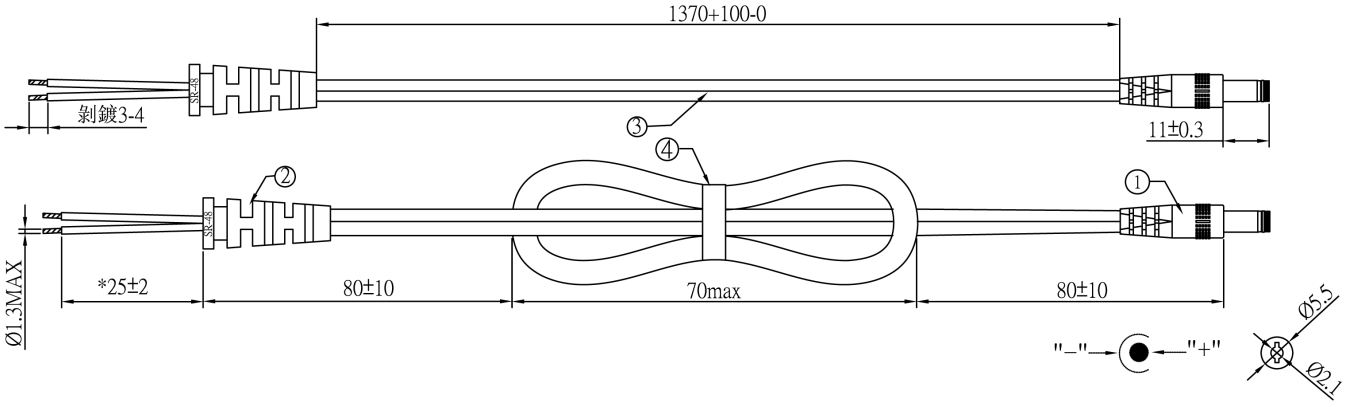
OUTPUT	
Turn delay	3000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>72%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	6W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	30/40A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply will not be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 98g/pc	
GW:115g/pc	
PACKING	
Box	100 pcs/1 box

Mechanical case specification:



Cable specification:



Desktop SYS1001-T2 series 7.26W~12W

GREEN MODE **RoHS**

Country of Origin : *China*

Operating Temperature : *0~40 [°C]*

Dimension : *93 x 50 x 33 [mm]*

Efficiency level (ErP) :

VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1001-0703-T2	**3,3**	**0~2.2**	**7.26**	**120**	**2.1x5.5x11**
SYS1001-1105-T2	**5**	**0~2.1**	**10**	**120**	**2.1x5.5x11**
SYS1001-1108-T2	**7,5**	**0~1.6**	**11**	**120**	**2.1x5.5x11**
SYS1001-0909-T2	**9**	**0~1.33**	**9**	**120**	**2.1x5.5x11**
SYS1001-1212-T2	**12**	**0~1.0**	**12**	**200**	**2.1x5.5x11**
SYS1001-1215-T2	**15**	**0~0.8**	**12**	**200**	**2.1x5.5x11**
SYS1001-1218-T2	**18**	**0~0.66**	**12**	**240**	**2.1x5.5x11**
SYS1001-1224-T2	**24**	**0~0.5**	**12**	**240**	**2.1x5.5x11**

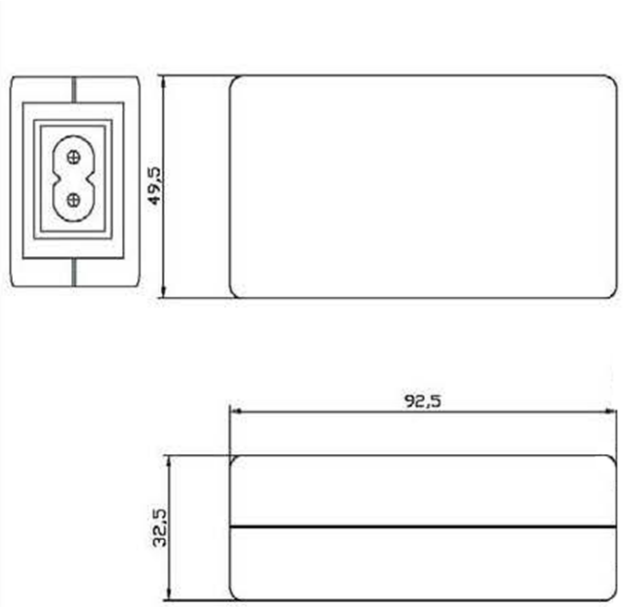
Features:

Available in inlet version: C7 (T2)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

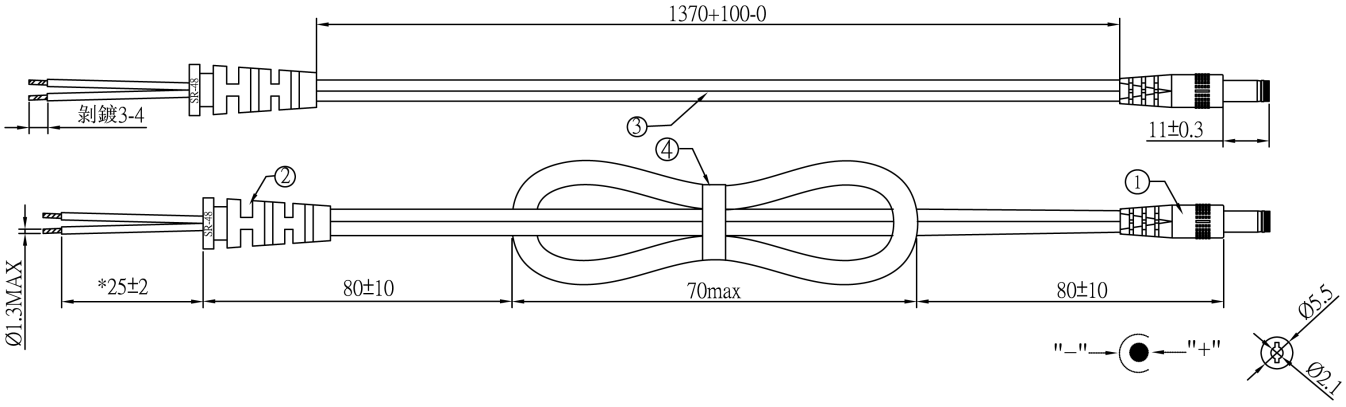
OUTPUT	
Turn delay	3000ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>80%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	12W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	30/40A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply will not be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 108g/pc	
GW:129g/pc	
PACKING	
Box	100 pcs/1 box

Mechanical case specification:



Cable specification:



Desktop SYS1181-T2 series 18W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 86 x 45 x 31 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

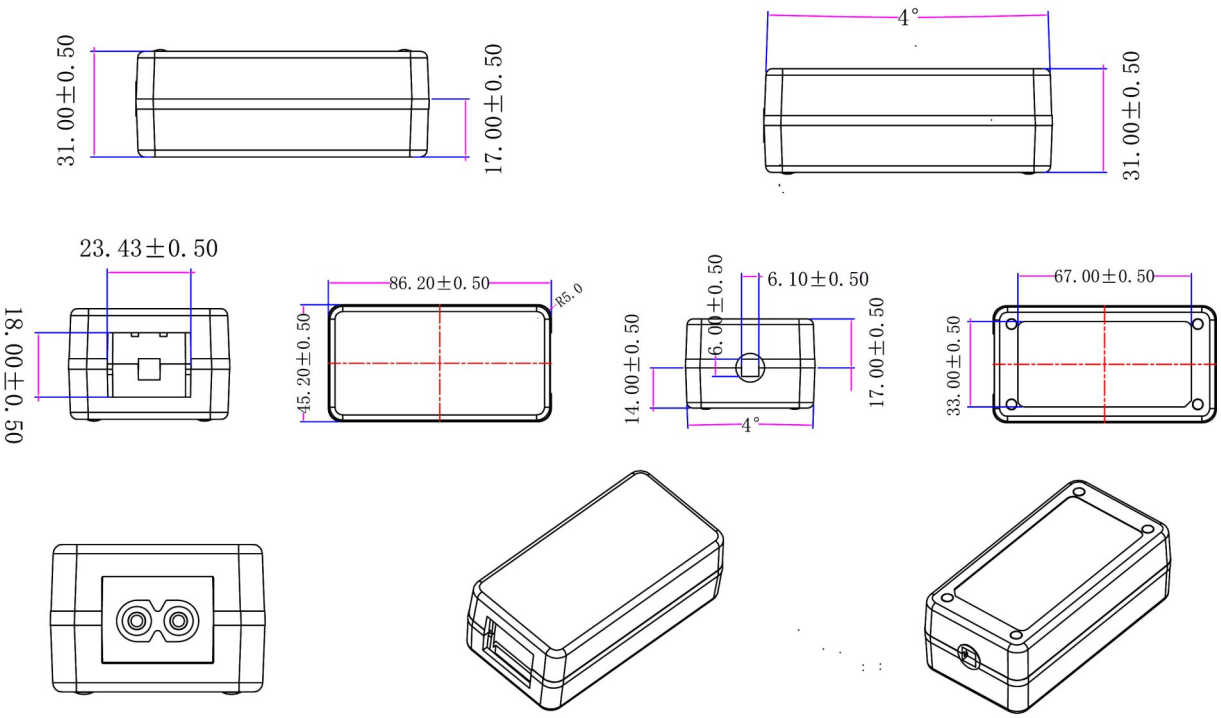
Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1181-1505-T2	**5**	**0~3.0**	**15**	**200**	**2.1x5.5x11**
SYS1181-1506-T2	**6**	**0~2.5**	**15**	**200**	**2.1x5.5x11**
SYS1181-1809-T2	**9**	**0~2.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1812-T2	**12**	**0~1.5**	**18**	**200**	**2.1x5.5x11**
SYS1181-1815-T2	**15**	**0~1.2**	**18**	**200**	**2.1x5.5x11**
SYS1181-1818-T2	**18**	**0~1.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1824-T2	**24**	**0~0.75**	**18**	**200**	**2.1x5.5x11**

Features:

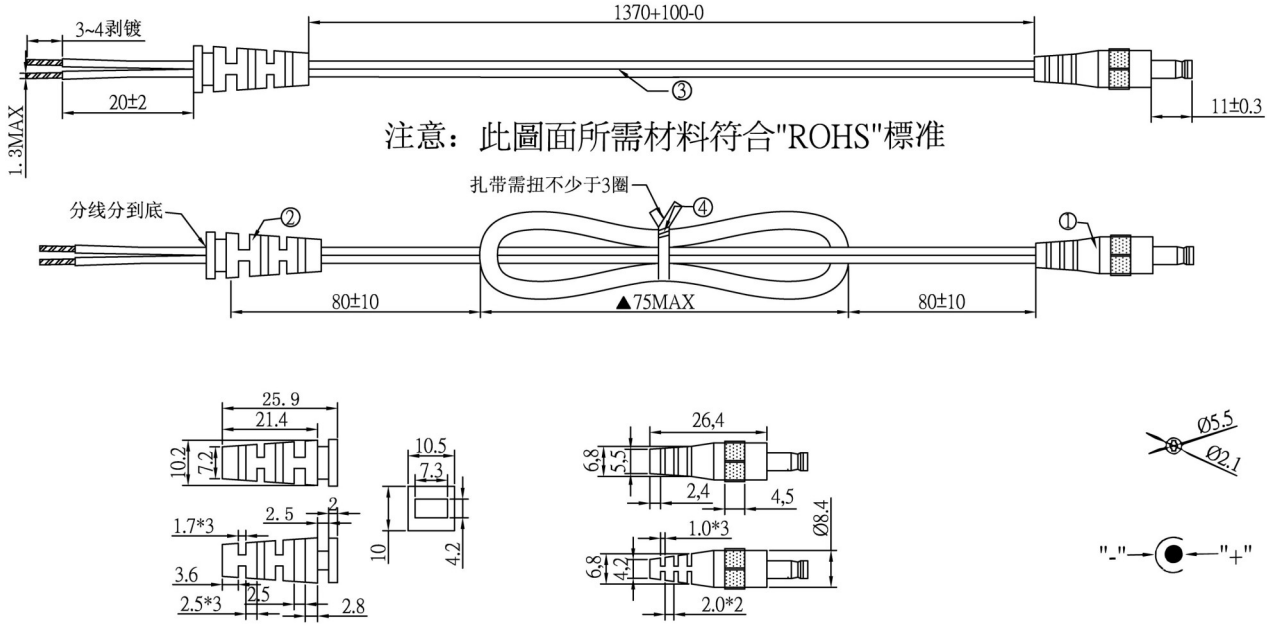
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

INPUT|OUTPUT	**Voltage**	90-264VAC
	Current	0.5A max|At 100VAC & 240VAC@full load
	Inrush Current	40/60A max|At cold start, ambient temperature 25°C nominal AC input 100VAC/240VAC
	Power consumption	0.1W max. with output no load at 115VAC/230VAC input
	Efficiency	Meet ERP level VI
	Hold up time	8mS min|At AC nomind input @ output full load
	Turn delay	5000mS max.|At AC low line input @ output full load.
	Ripple|noise	200mV
	Burn-in	220VAC 80% Load (Ref) 4hours & 40°C +/- 5
PROTECTION	**Over current|Short protec-**	Automatic recovery
	Over Voltage	The power supply shall be self-recovering when the fault condition is removed
	Input protection	The switching adaptor use 3.15A fuse
	Protection class	Class II
SAFETY	**CE EMC**	2014/30/EU
	CE LVD	2014/35/EU
	Safety approvals	ETL/cETLus | TUV/GS | FCC | CE | CB | SAA | PSE | LVD | UKCA
	Dielectric Strength (Hi-pot)	AC3000V,5.0mA,1 minute for type test
	Leakage current	0.25 mA max.
ENVIRONMENTAL	**Temperature**	Operating: 0~40°C / Storage: -25~50°C
	Humidity	Operating: 20%~80%RH / Storage:5%~95% RH
	Cooling	The power supply will operate with convection cooling. Blocking of vents must not cause damage to the power supply.
OTHER	**MTBF**	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
	Weight	95±3.5 g
	Dimension	86x45x31 mm
	Packing	100 pcs|1 box

Mechanical case specification:



Cable specification:



Desktop SYS1181-M3 series 18W

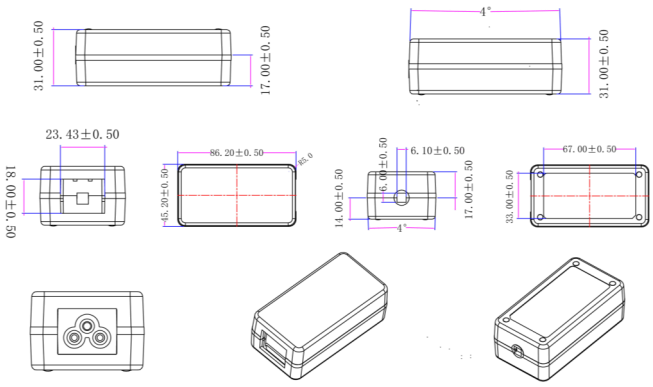
GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 86 x 45 x 31 [mm]

Efficiency level (ErP) : VI



Approvals / Marks :

Specifications

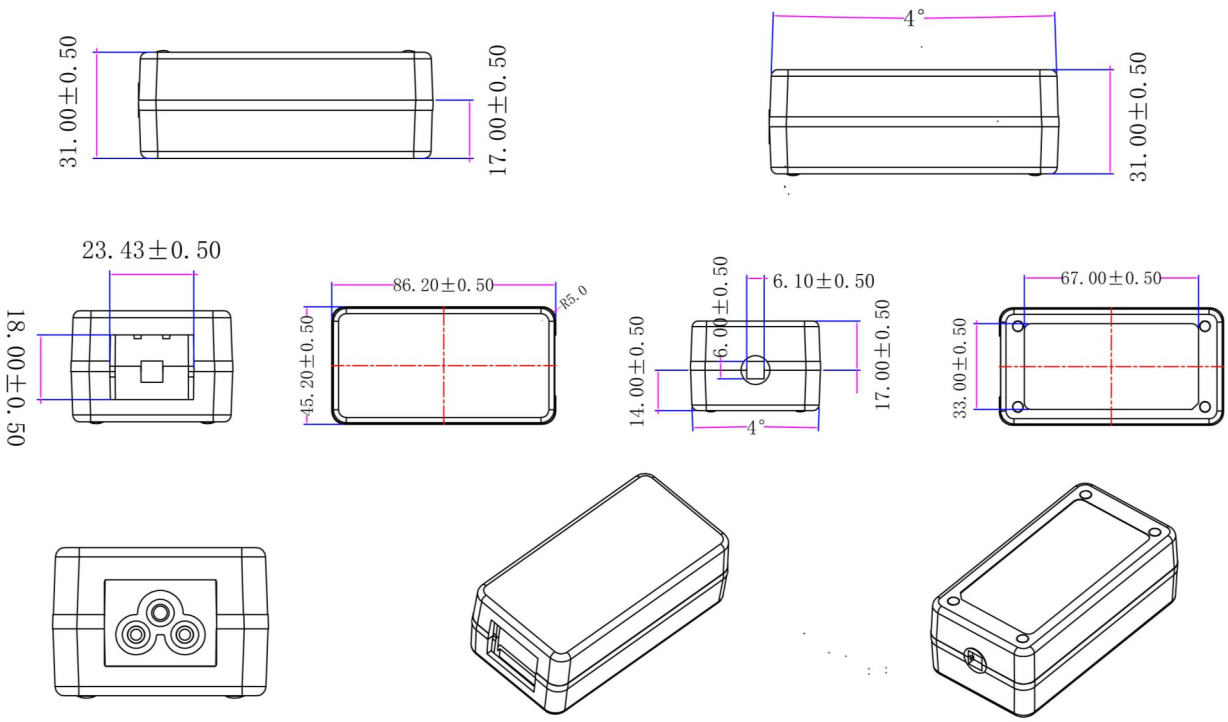
Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1181-1505-M3	**5**	**0~3.0**	**15**	**200**	**2.1x5.5x11**
SYS1181-1506-M3	**6**	**0~2.5**	**15**	**200**	**2.1x5.5x11**
SYS1181-1809-M3	**9**	**0~2.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1812-M3	**12**	**0~1.5**	**18**	**200**	**2.1x5.5x11**
SYS1181-1815-M3	**15**	**0~1.2**	**18**	**200**	**2.1x5.5x11**
SYS1181-1818-M3	**18**	**0~1.0**	**18**	**200**	**2.1x5.5x11**
SYS1181-1824-M3	**24**	**0~0.75**	**18**	**200**	**2.1x5.5x11**

Features:

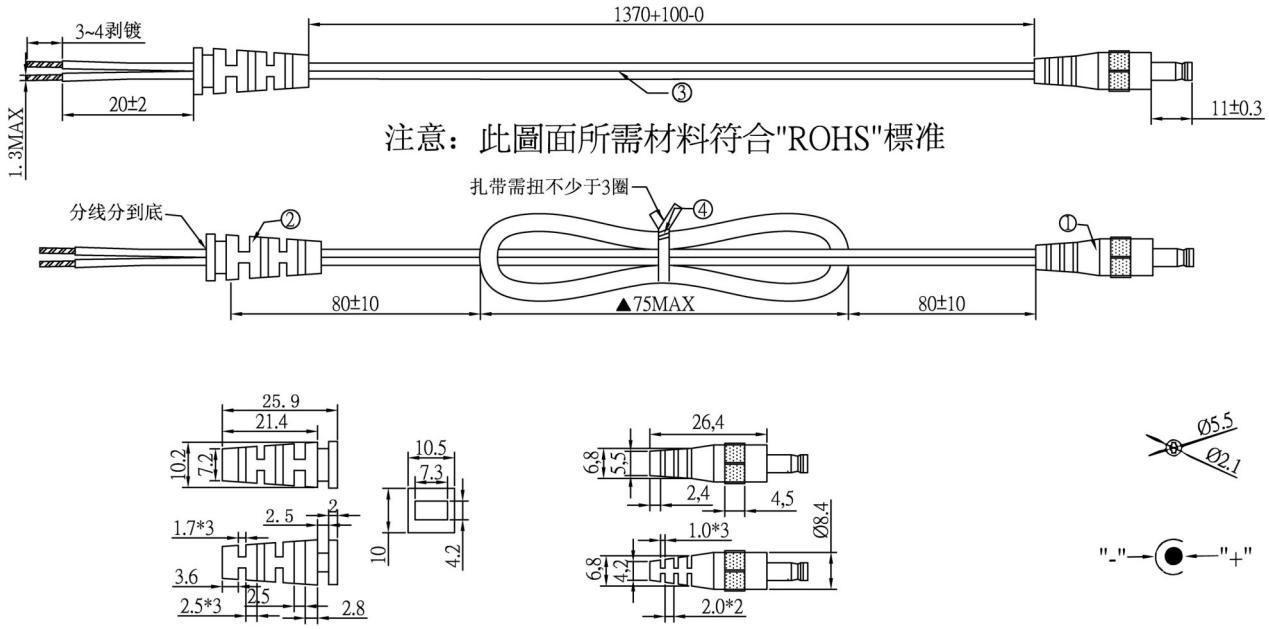
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

INPUT|OUTPUT	**Voltage**	90-264VAC
	Current	0.5A max|At 100VAC & 240VAC@full load
	Inrush Current	40/60A max|At cold start, ambient temperature 25°C nominal AC input 100VAC/240VAC
	Power consumption	0.1W max. with output no load at 115VAC/230VAC input
	Efficiency	Meet ERP level VI
	Hold up time	8mS min|At AC nomind input @ output full load
	Turn delay	5000mS max.|At AC low line input @ output full load.
	Ripple|noise	200mV
	Burn-in	220VAC 80% Load (Ref) 4hours & 40°C +/- 5
PROTECTION	**Over current|Short protection**	Automatic recovery
	Over Voltage	The power supply shall be self-recovering when the fault condition is removed
	Input protection	The switching adaptor use 3.15A fuse
	Protection class	Class I
SAFETY	**CE EMC**	2014/30/EU
	CE LVD	2014/35/EU
	Safety approvals	ETL/cETLus | TUV/GS | FCC | CE | CB | SAA | PSE | LVD | UKCA
	Dielectric Strength (Hi-pot)	AC3000V,5.0mA,1 minute for type test
	Leakage current	0.25 mA max.
ENVIRONMENTAL	**Temperature**	Operating: 0~40°C / Storage: -25~50°C
	Humidity	Operating: 20%~80%RH / Storage:5%~95% RH
	Cooling	The power supply will operate with convection cooling. Blocking of vents must not cause damage to the power supply.
OTHER	**MTBF**	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
	Weight	95±3.5 g
	Dimension	86x45x31 mm
	Packing	100 pcs|1 box

Mechanical case specification:



Cable specification:



Desktop SYS1544-T2 series 15W~24W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 87 x 47 x 33 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1544-1505-T2	**5**	**0~3.0**	**15**	**180**	**2.1x5.5x11**
SYS1544-1809-T2	**9**	**0~2.0**	**18**	**180**	**2.1x5.5x11**
SYS1544-2412-T2	**12**	**0~2.0**	**24**	**180**	**2.1x5.5x11**
SYS1544-2415-T2	**15**	**0~1.6**	**24**	**200**	**2.1x5.5x11**
SYS1544-2418-T2	**18**	**0~1.33**	**24**	**240**	**2.1x5.5x11**
SYS1544-2424-T2	**24**	**0~1.0**	**24**	**300**	**2.1x5.5x11**

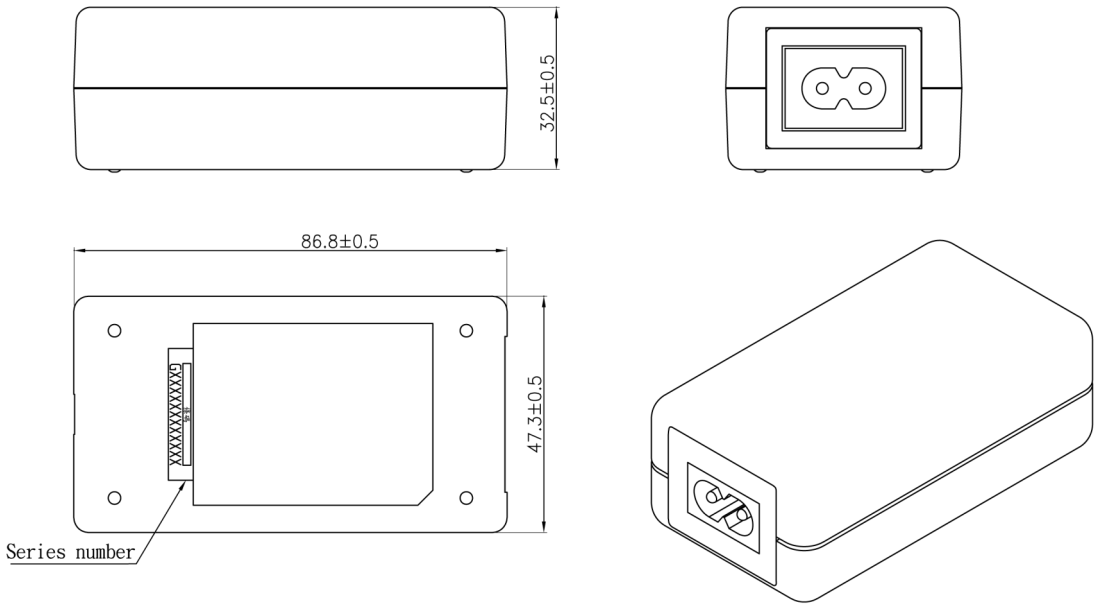
Features:

Available in 2 inlet versions: C7 (T2) C13(T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

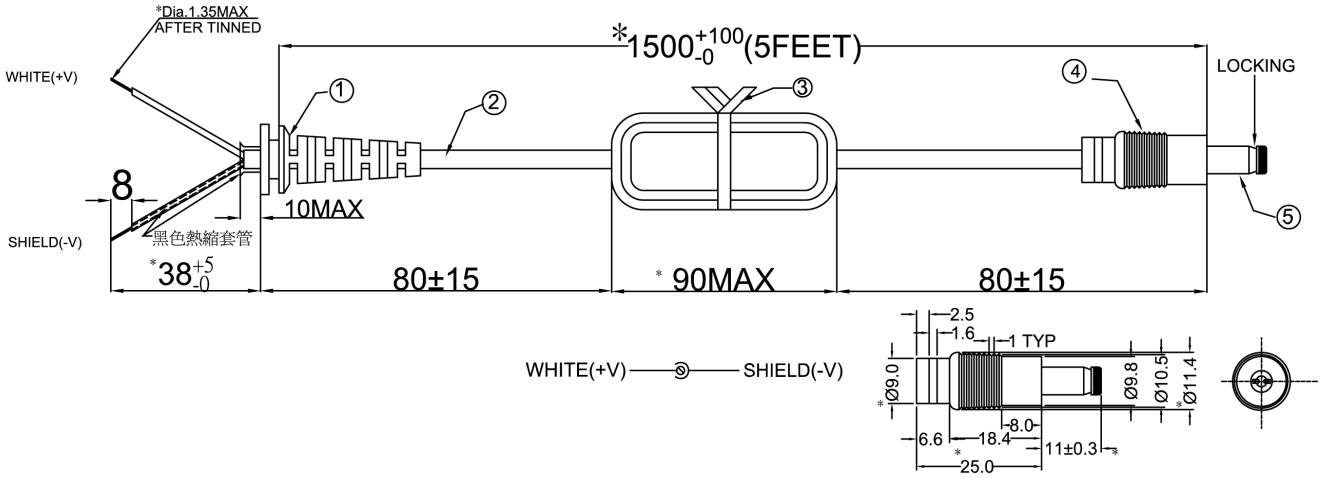
OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI @115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%load
	16ms tmax Dynamic rise time 10us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 28w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to pre-vent the power supply and system from damage.
Protection class	II, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | GS | FCC | cULus | BSMI | PSE | UKCA	
OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 180g/pc	
GW: 11.5kg/box	
PACKING	
PE plastic bag	60 pcs/1 box

Mechanical case specification:



Cable specification:



Desktop SYS1544-T3 series 15W~24W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 87 x 47 x 33 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1544-1505-T3	**5**	**0~3.0**	**15**	**180**	**2.1x5.5x11**
SYS1544-1809-T3	**9**	**0~2.0**	**18**	**180**	**2.1x5.5x11**
SYS1544-2412-T3	**12**	**0~2.0**	**24**	**180**	**2.1x5.5x11**
SYS1544-2415-T3	**15**	**0~1.6**	**24**	**200**	**2.1x5.5x11**
SYS1544-2418-T3	**18**	**0~1.33**	**24**	**240**	**2.1x5.5x11**
SYS1544-2424-T3	**24**	**0~1.0**	**24**	**300**	**2.1x5.5x11**

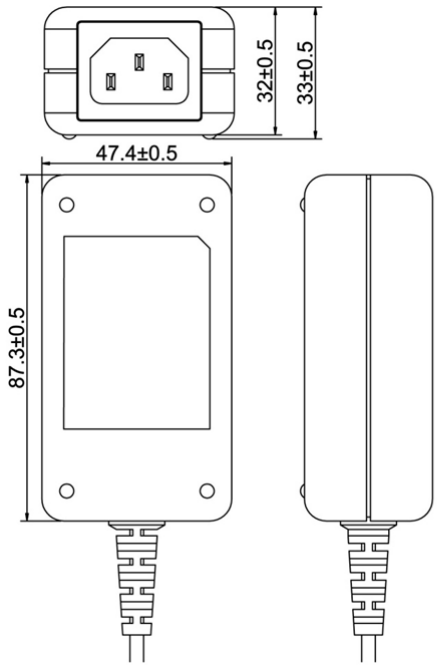
Features:

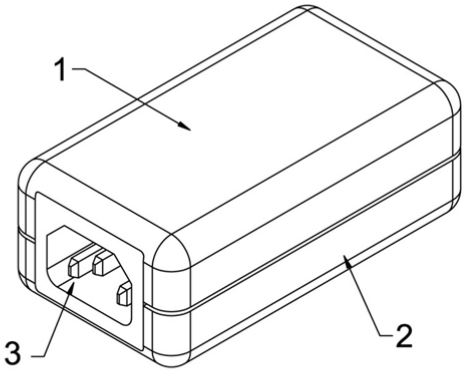
Available in 2 inlet versions: C7 (T2) C13(T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI @115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%load
	16ms tmax Dynamic rise time 10us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 28w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to pre-vent the power supply and system from damage.
Protection class	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | GS | FCC | cULus | CCC | PSE | KC(12V) | SAA | RCM | NOM(2412) | UKCA | EAC | BIS(2412/1812/1512/1212) | S-MARK	
OTHERS	
Dielectric Strength (Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1500mm (\5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40℃ / Storage: -20~85℃
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 180g/pc	
GW: 11.5kg/box	
PACKING	
PE plastic bag	60 pcs/1 box

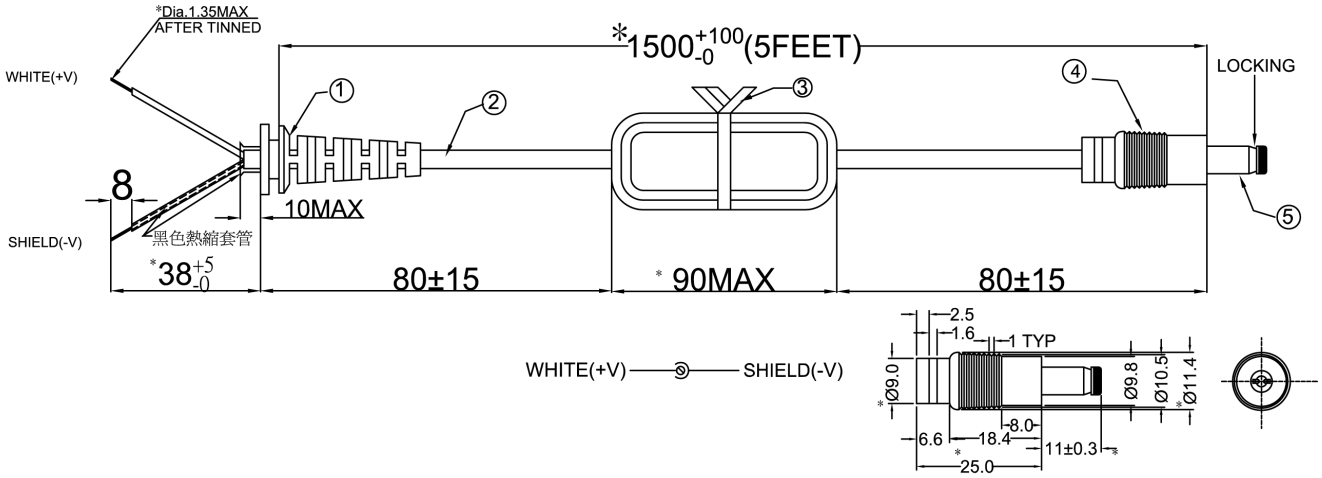
Mechanical case specification:





3 socket
2 BOTTOM
1 TOP

Cable specification:



Desktop SYS1319-T3 series 30W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 86.8 x 47.3 x 32.3 [mm]

Suitable AC cable: IEC320-C13

Efficiency level (ErP) : V

Approvals / Marks :

Features:

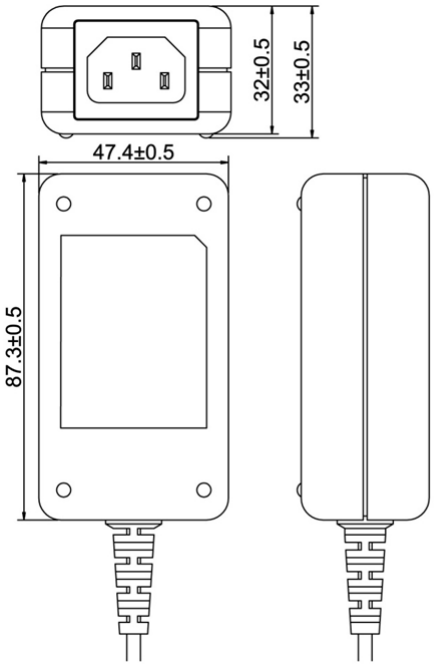
Wide range Input (90 ~ 264)VAC / (47 ~ 63) Hz.	For I.T.E. use only + RoHS conform.
Over load, over voltage & short protection.	Designed and certified also for cable IEC320-C7 & inlet C8 (T2).
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement.	

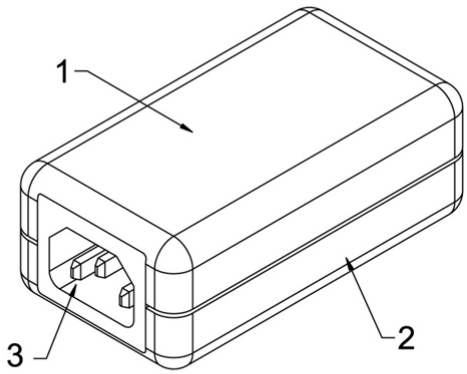
Specification:

	Model	Voltage DC [V]	Loading [A]	Tol. [%]	OCP [A]	OVP Max [V]	Efficiency [%]	Max. Power [W]	Ripple & Noise [mV]p-p	Connector UL approved [mm]
ErP V.	**SYS1319-3012-T3**	**12**	**0~2.50**	**±5**	**3.0~8.0**	**16**	**>83.5**	**30**	**120**	**2.1x5.5x11**
	SYS1319-3015-T3	**15**	**0~2.00**	**±5**	**2.5~6.5**	**25**	**>80.6**	**30**	**150**	**2.1x5.5x11**
	SYS1319-3018-T3	**18**	**0~1.66**	**±5**	**2.0~5.5**	**25**	**>87.0**	**30**	**180**	**2.1x5.5x11**
	SYS1319-3024-T3	**24**	**0~1.25**	**±5**	**1.5~5.5**	**25**	**>84.0**	**30**	**240**	**2.1x5.5x11**

OEM Production	This model is certified for Uout=(5,6,9,12,15,16,18,19,20,24)V and Pout=(5~30)W is rising in steps of 1W		
INPUT	Voltage		(90 ~ 264) VAC
	Frequency		(47 ~ 63) Hz
	Current		1A rms@ AC low line input and DC output full load
	Surge Current max.		40/60Amax. @ power supply cold start, ambient temperature 25°C @115Vac/230Vac nominal AC input.
	Leakage current		3.5mA Max.
PROTECTION	Over load	OCP	> 120% Fold back
	Over Voltage	OVP	> 105% Voltage limiting
	Short Circuit		Yes, Output to Ground, Auto recovery when fault has been removed. Short Current & Over Current can not exceed
			8A max. after 1minute at nominal line input.
	Protection class		I.
	No Load Operation		Yes, to protect the power supply and system from damage
OTHERS	Dielectric Strength		I/P-O/P (FG): 3KVAC / 10mA / 1 min
	Power ON Led		Yes
	Turn on delay		3000 ms max. @ AC low line input @ output full load
	Hold-up Time		10ms @ AC nominal Input and Output full load
	MTBF Qualification		500,000 Calculated Hours at 25ºC, by Telcordia SR-332
	DC cable & connector		Standard length of the cable 1,8m & It depends on customer requirements and upon specifications
	Efficiency (typical)		>83.5% @ 240VAC input & Full load
	Power Consumption		Max. 0.3Wrms @ AC nominal Input and Output min. load | some models have achieved efficiency level IV.
	Input Fuse		250VAC / 1.6A protected against power line surges and any abnormal conditions
ENVIRONMENT	Temperature		Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C
	Humidity		Operating: (8 ~ 90)% RH / Storage: (5 ~ 95)% RH non condensing
SAFETY	CE | TUV/GS | CB | cULus | KC (Only for SYS1319-3012, SYS1319-3015) | FCC		
CE	**EMC**		2014/30/EU
	LVD		2014/35/EU EN 60950-1:2006+A11+A1+A12+A2
WEIGHT	1pc		N.W.: 200g / pc
			0.48 x 0.26 x 0.44 [m]
PACKING	Box		60 pcs / 1box
			G.W.: 15kg / box

Mechanical case specification:

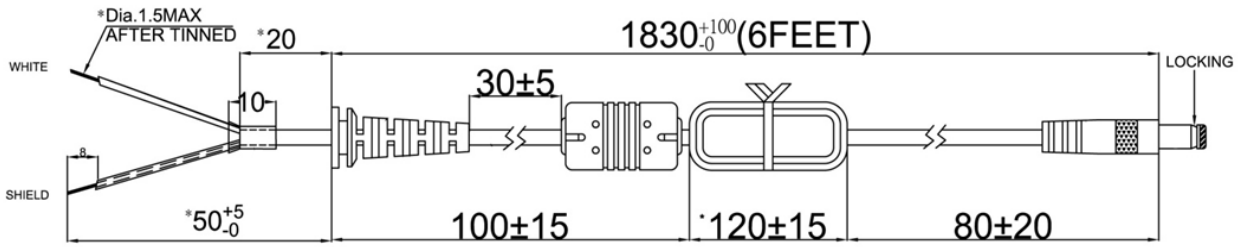




3 socket
2 BOTTOM
1 TOP

Cable specification:

1185#18*1C + shield / 6FT (1830mm)



Sunny — Desktop — SYS1588-T2 series — 20W~30W

Your only power source

ITU-T K.21 | GREEN MODE | RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 92 x 50 x 32 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1588-2005-T2	**5.1**	**0~4**	**20.4**	**120**	**2.1x5.5x11**
SYS1588-2709-T2	**9**	**0~3**	**27**	**120**	**2.1x5.5x11**
SYS1588-3012-T2	**12**	**0~2.5**	**30**	**200**	**2.1x5.5x11**
SYS1588-3015-T2	**15**	**0~2.0**	**30**	**200**	**2.1x5.5x11**
SYS1588-3018-T2	**18**	**0~1.66**	**30**	**240**	**2.1x5.5x11**
SYS1588-3024-T2	**24**	**0~1.25**	**30**	**240**	**2.1x5.5x11**
SYS1588-3048-T2	**48**	**0~0.63**	**30**	**400**	**2.1x5.5x11**

Features:

Available in inlet version: C7 (T2)

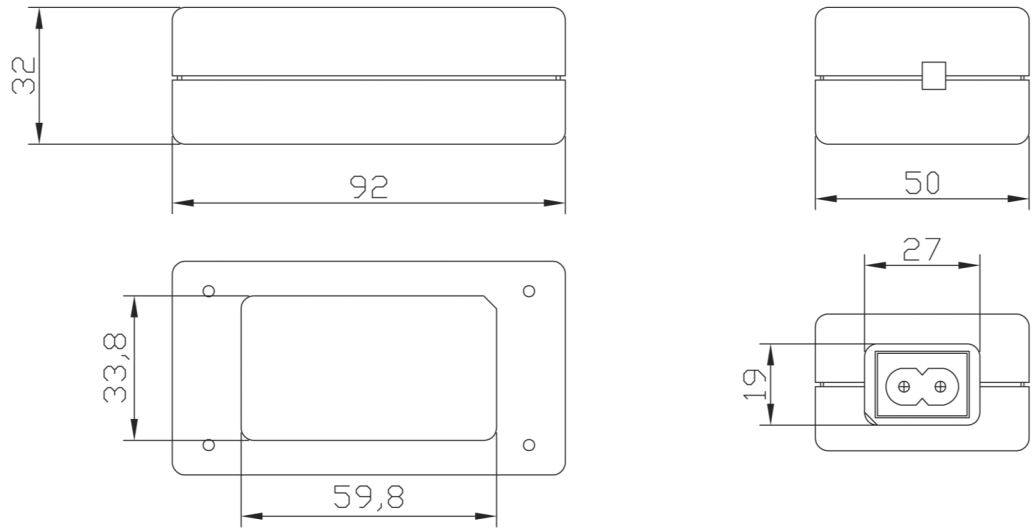
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified

Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

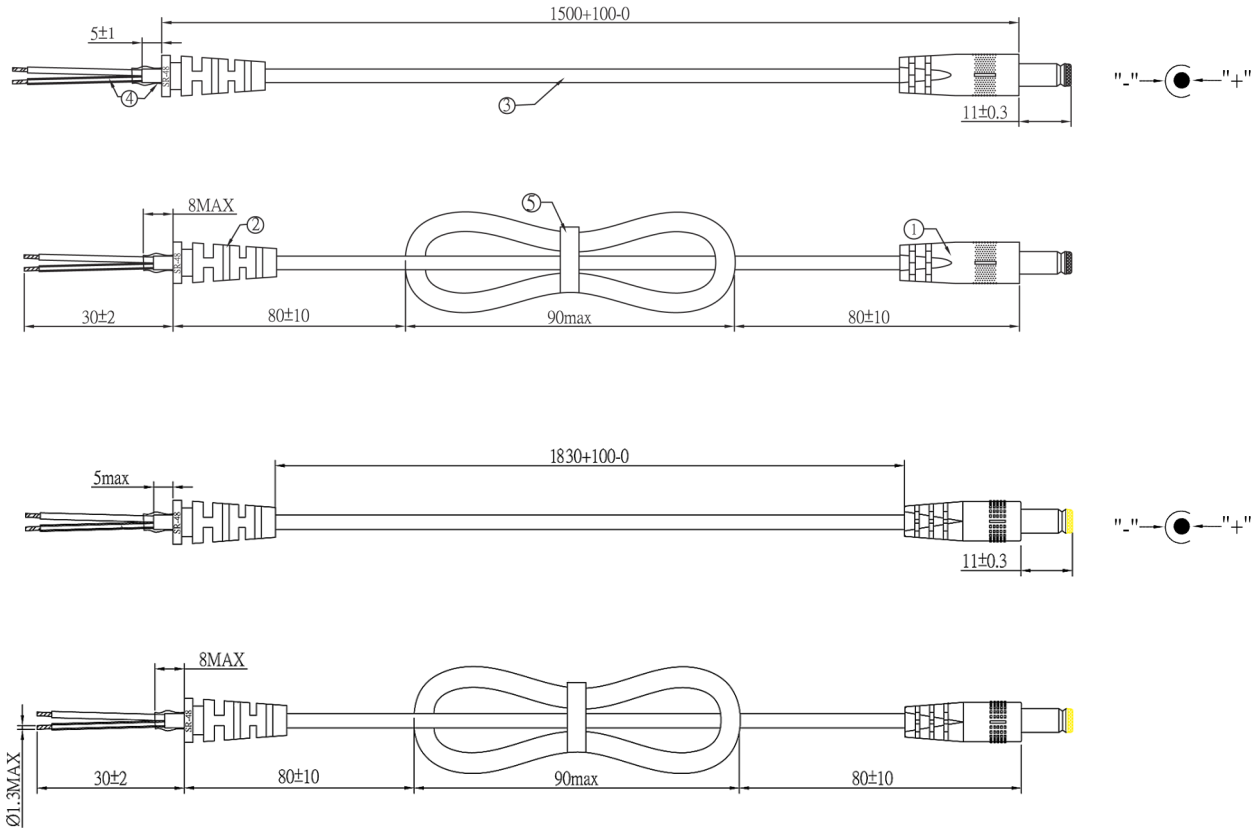
OUTPUT	
Turn delay	5000 ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>85%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load 16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	30W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	5mA maximum,At nominal AC input voltage and frequency.
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	he power supply shall be self-recovering when the fault condition is removed.
Input protection	The switching adaptor use 2.0A fuse.
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) or 1830mm (6 feet) standard cable or as
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 187g/pc	
GW: 208g/pc	
PACKING	
Box	50 pcs/1 box

Mechanical case specification:



Cable specification:



Sunny — Desktop — SYS1588-T3 series — 20W~30W

ITU-T K.21 | GREEN MODE | RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 92 x 50 x 32 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1588-2005-T3	**5.1**	**0~4**	**20.4**	**120**	**2.1x5.5x11**
SYS1588-2709-T3	**9**	**0~3**	**27**	**120**	**2.1x5.5x11**
SYS1588-3012-T3	**12**	**0~2.5**	**30**	**200**	**2.1x5.5x11**
SYS1588-3015-T3	**15**	**0~2.0**	**30**	**200**	**2.1x5.5x11**
SYS1588-3018-T3	**18**	**0~1.66**	**30**	**240**	**2.1x5.5x11**
SYS1588-3024-T3	**24**	**0~1.25**	**30**	**240**	**2.1x5.5x11**
SYS1588-3048-T3	**48**	**0~0.63**	**30**	**400**	**2.1x5.5x11**

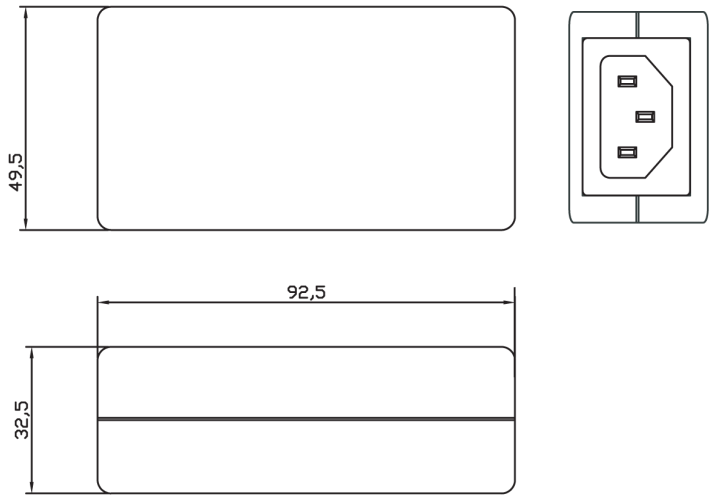
Features:

Available in inlet version: C13 (T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

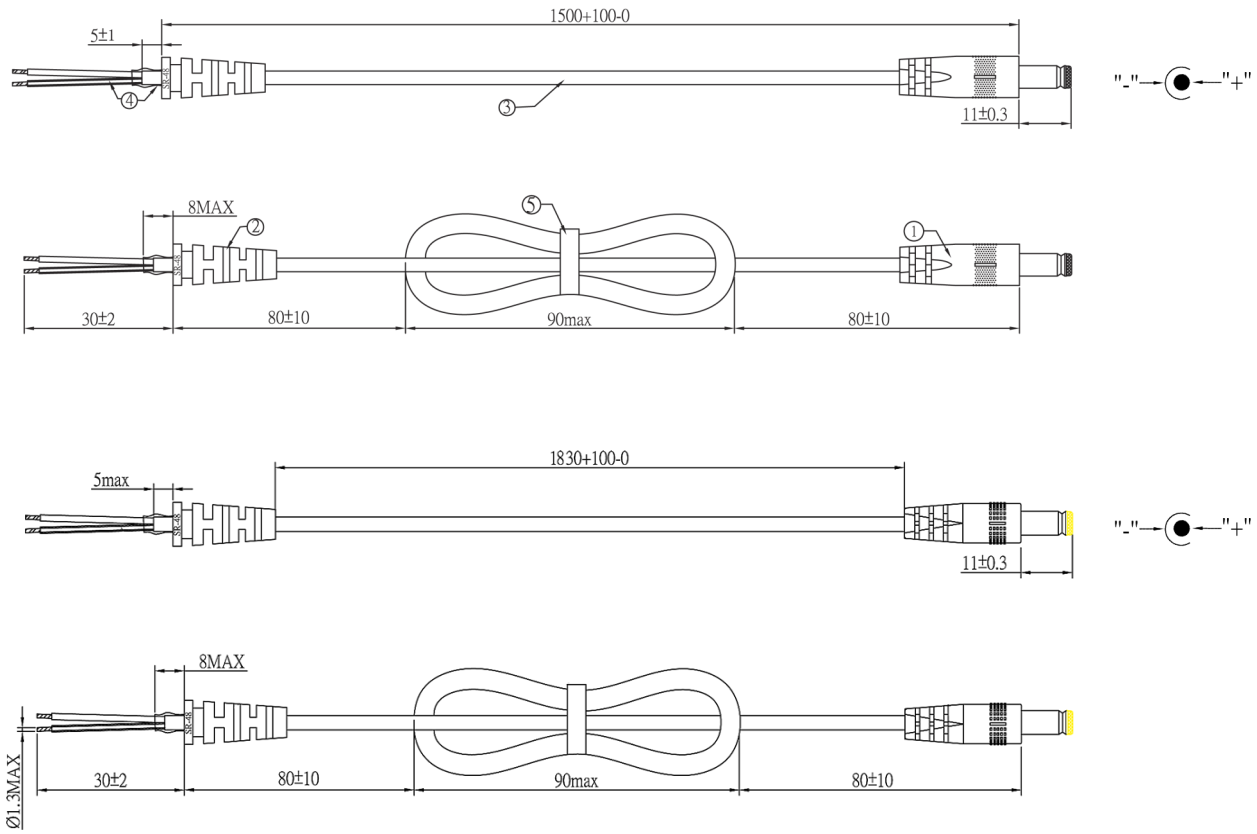
OUTPUT	
Turn delay	5000 ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>85%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	30W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	5mA maximum,At nominal AC input voltage and frequency.
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	he power supply shall be self-recovering when the fault condition is removed.
Input protection	The switching adaptor use 2.0A fuse.
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA | CCC	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1500mm (5 feet) or 1830mm (6 feet) standard cable or as
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 193g/pc	
GW: 214g/pc	
PACKING	
Box	50 pcs/1 box

Mechanical case specification:



Cable specification:



Sunny Desktop SYS1546-T2 series 36W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 99 x 50 x 33 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1546-3612-T2	**12**	**0~3.0**	**36**	**180**	**2.1x5.5x11**
SYS1546-3615-T2	**15**	**0~2.40**	**36**	**200**	**2.1x5.5x11**
SYS1546-3618-T2	**18**	**0~2.0**	**36**	**240**	**2.1x5.5x11**
SYS1546-3619-T2	**19**	**0~1.89**	**36**	**240**	**2.1x5.5x11**
SYS1546-3624-T2	**24**	**0~1.5**	**36**	**300**	**2.1x5.5x11**

Features:

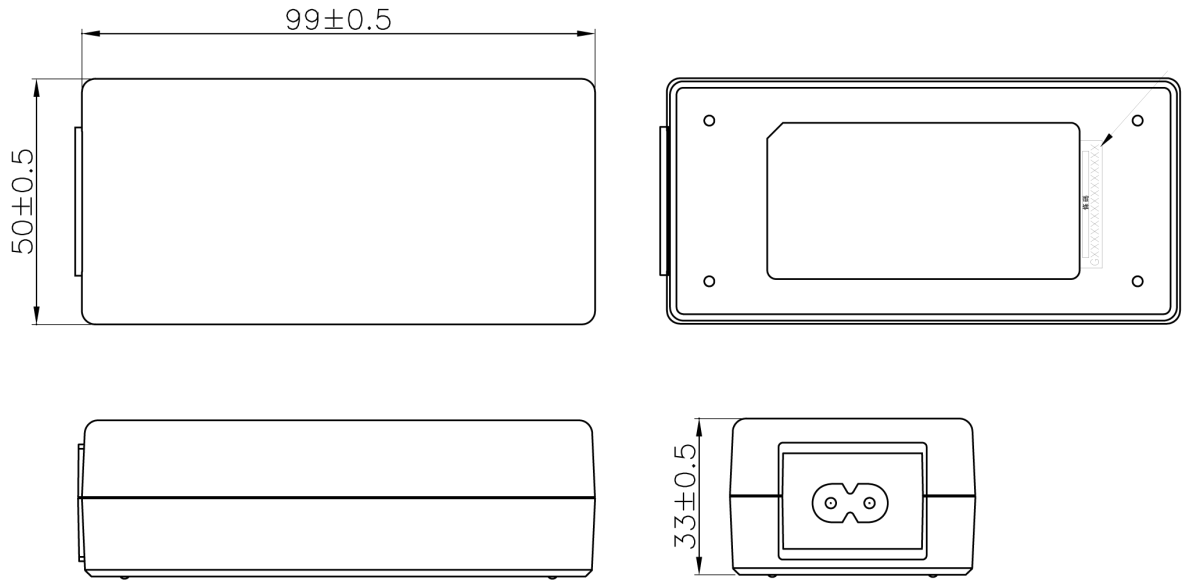
Available in 2 inlet versions: C7 (T2) C13(T3)

Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

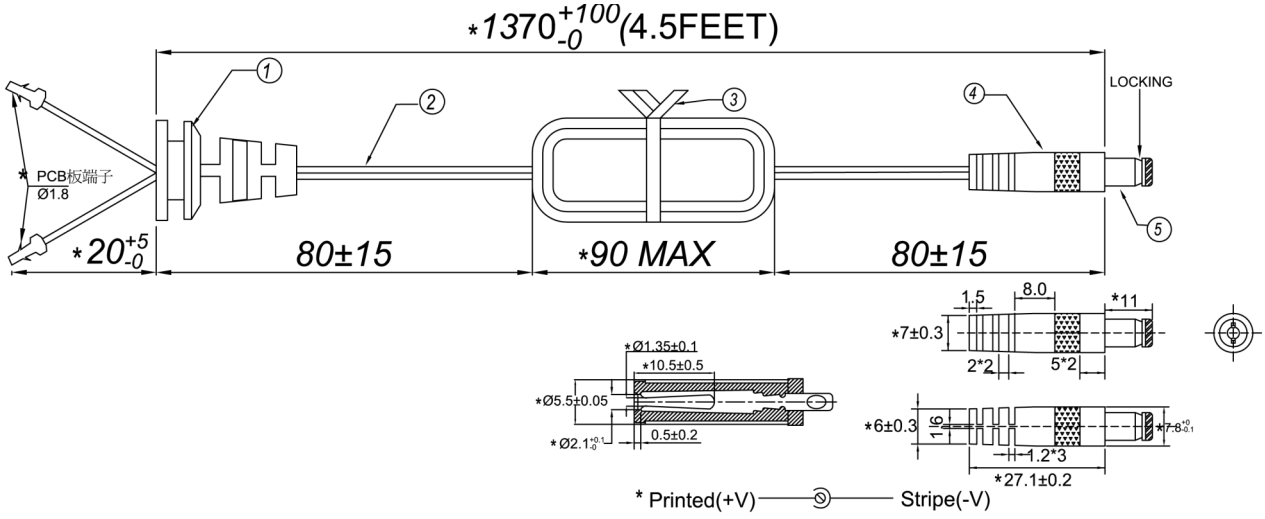
OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI @115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%load
	16ms tmax Dynamic rise time 10us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 40w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	II, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | GS | FCC | cULus | PSE | SAA | RCM | UKCA	
OTHERS	
Dielectric Strength	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 166g/pc	
GW: 10.5kg/box	
PACKING	
PE plastic bag	60 pcs/1 box

Mechanical case specification:



Cable specification:



Sunny Desktop SYS1546-T3 series 36W

Your only power source

ITU-T K.21 | GREEN MODE | RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 99 x 50 x 33 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1546-3612-T3	**12**	**0~3.00**	**36**	**180**	**2.1x5.5x11**
SYS1546-3615-T3	**15**	**0~2.40**	**36**	**200**	**2.1x5.5x11**
SYS1546-3618-T3	**18**	**0~2.0**	**36**	**240**	**2.1x5.5x11**
SYS1546-3619-T3	**19**	**0~1.89**	**36**	**240**	**2.1x5.5x11**
SYS1546-3624-T3	**24**	**0~1.5**	**36**	**300**	**2.1x5.5x11**

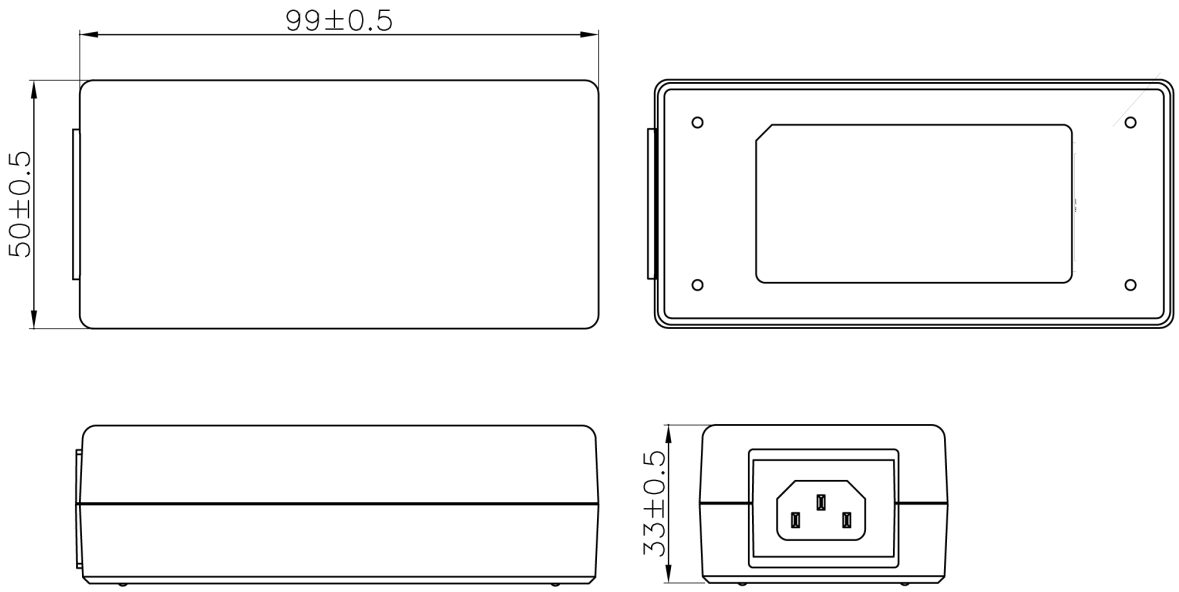
Features:

Available in 2 inlet versions: C7 (T2) C13(T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

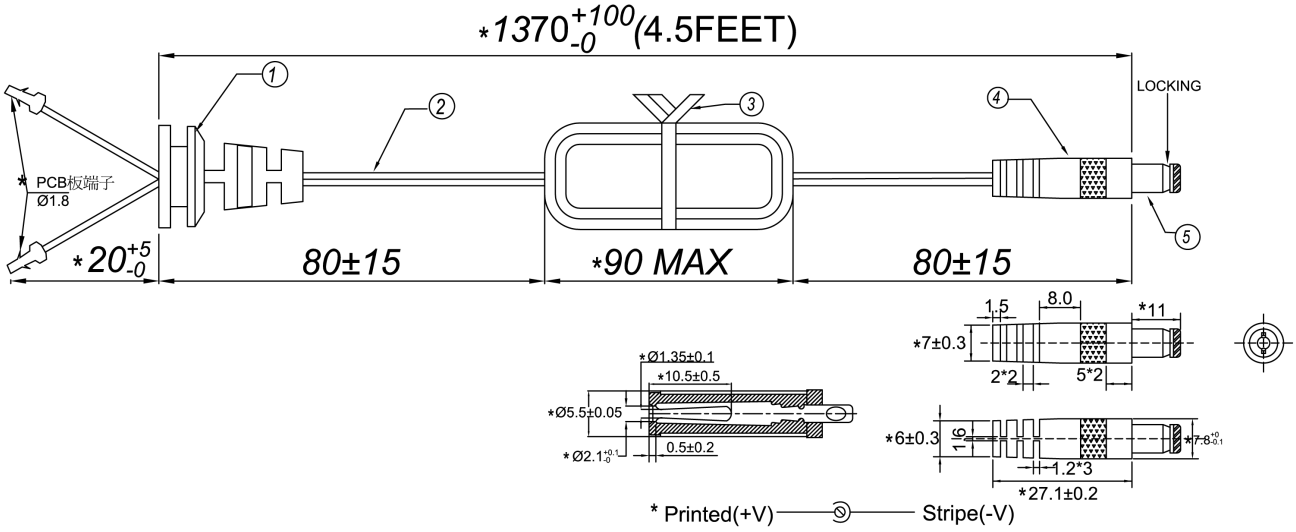
OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI @115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%load
	16ms tmax Dynamic rise time 10us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 40w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	0.25mA Max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:1A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | GS | FCC | cULus | CCC | BSMI | PSE | KC(3612only) | SAA | RCM | NOM (3612only) | UKCA | BIS(3612/3615only) | S-MARK	
OTHERS	
Dielectric Strength (Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1370mm (4.5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 170g/pc	
GW: 10.5kg/box	
PACKING	
PE plastic bag	60 pcs/1 box

Mechanical case specification:



Cable specification:



Sunny — Desktop — SYS1588-T2 series — 30W~40W

ITU-T K.21 | GREEN MODE | RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 92 x 50 x 32 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1588-3005-T2	**5**	**0~6**	**30**	**120**	**2.1x5.5x11**
SYS1588-3609-T2	**9**	**0~4**	**36**	**120**	**2.1x5.5x11**
SYS1588-4012-T2	**12**	**0~3.3**	**40**	**200**	**2.1x5.5x11**
SYS1588-4015-T2	**15**	**0~2.6**	**40**	**200**	**2.1x5.5x11**
SYS1588-4018-T2	**18**	**0~2.2**	**40**	**240**	**2.1x5.5x11**
SYS1588-4024-T2	**24**	**0~1.6**	**40**	**240**	**2.1x5.5x11**
SYS1588-4048-T2	**48**	**0~0.8**	**40**	**400**	**2.1x5.5x11**

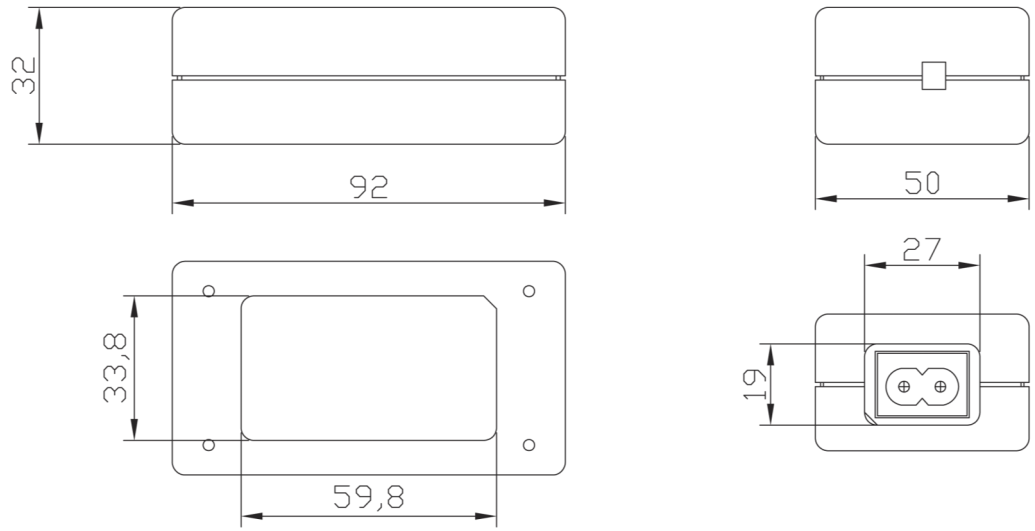
Features:

Available in inlet version: C7 (T2)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

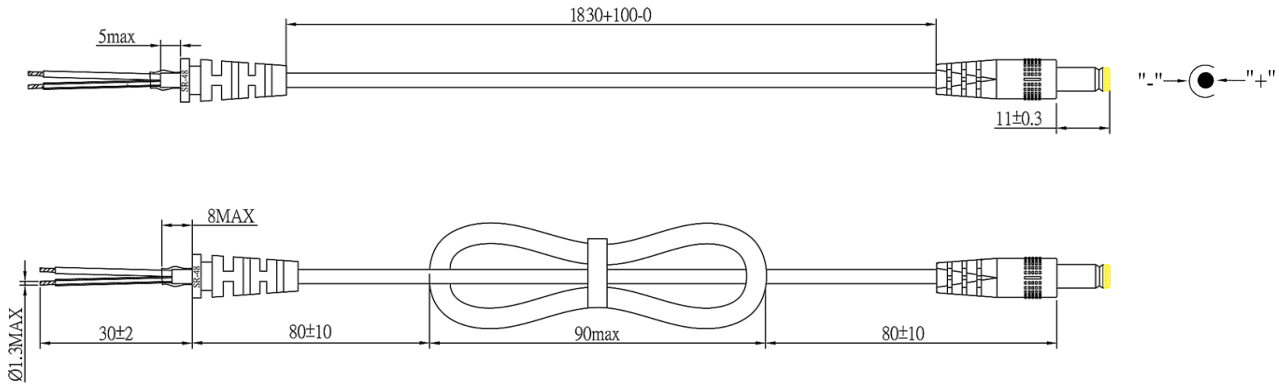
OUTPUT	
Turn delay	5000 ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>87%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	40W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	5mA maximum,At nominal AC input voltage and frequency.
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto
Over Voltage	The power supply shall be self-recovering when the fault condi-
Input protection	The switching adaptor use 2.0A fuse.
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1830mm (6 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coeffi-cient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 187g/pc	
GW: 208g/pc	
PACKING	
Box	50 pcs/1 box

Mechanical case specification:



Cable specification:



Sunny — Desktop — SYS1588-T3 series — 30W~40W

ITU-T K.21 | GREEN MODE | RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 92 x 50 x 32 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1588-3005-T3	**5**	**0~6**	**30**	**120**	**2.1x5.5x11**
SYS1588-3609-T3	**9**	**0~4**	**36**	**120**	**2.1x5.5x11**
SYS1588-4012-T3	**12**	**0~3.3**	**40**	**200**	**2.1x5.5x11**
SYS1588-4015-T3	**15**	**0~2.6**	**40**	**200**	**2.1x5.5x11**
SYS1588-4018-T3	**18**	**0~2.2**	**40**	**240**	**2.1x5.5x11**
SYS1588-4024-T3	**24**	**0~1.6**	**40**	**240**	**2.1x5.5x11**
SYS1588-4048-T3	**48**	**0~0.8**	**40**	**400**	**2.1x5.5x11**

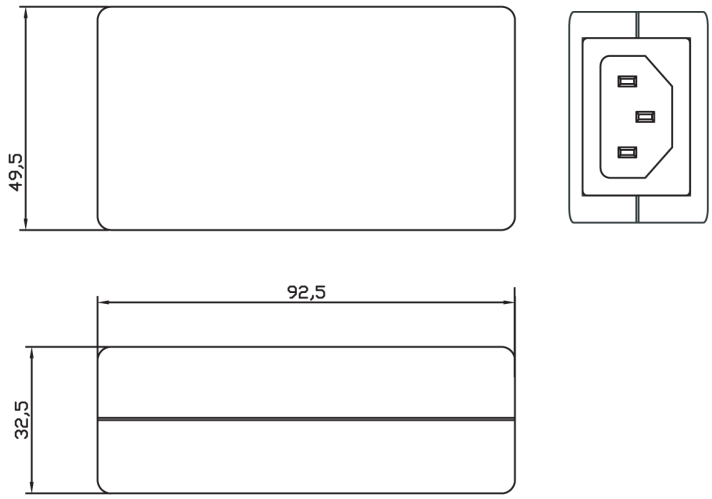
Features:

Available in inlet version: C13 (T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

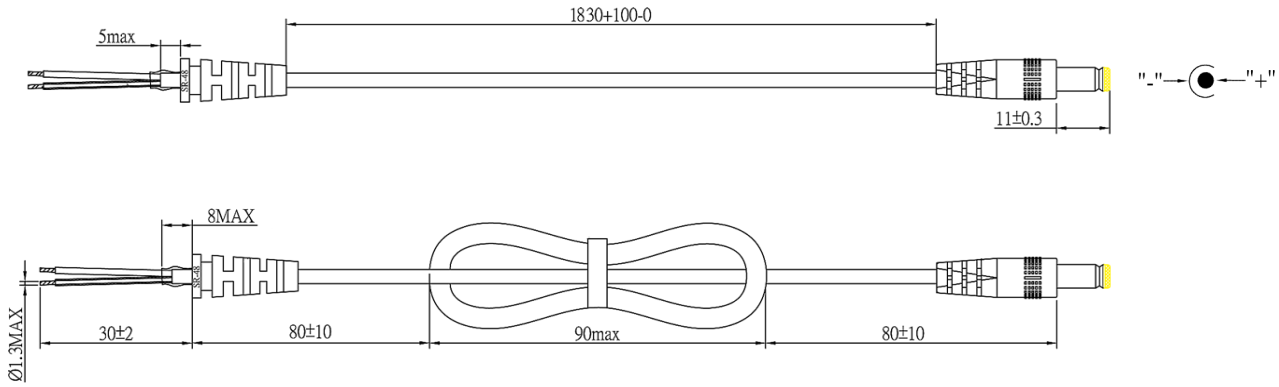
OUTPUT	
Turn delay	5000 ms max@AC low line input@output full load
Hold up time	8ms min@AC nominal input@output full load
Efficiency (Normal)	>87%@115v/60HZ,230V/50HZ input &Full load
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80% load
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	40W
Burn in limit	Full load 2 Hours
Power consumption	0.1W max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	0.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	5mA maximum,At nominal AC input voltage and frequency.
PROTECTION	
Over current/ Short protection	The power supply will be auto recovered when over current or short circuit faults remove (fold back). Is defined as any output impedance of less than 0.1Ω.The power supply will be auto recovered when short circuit faults remove
Over Voltage	The power supply shall be self-recovering when the fault condition is removed.
Input protection	The switching adaptor use 2.0A fuse.
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
cTUVus | FCC | GS | CE | CB | RCM | SAA | PSE | EAC | UKCA | CCC	
OTHERS	
Dielectric Strength	I/P-O/P:3000VAC
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1830mm (6 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC + ABS
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 193g/pc	
GW: 214g/pc	
PACKING	
Box	50 pcs/1 box

Mechanical case specification:



Cable specification:



Desktop SYS1548-T2 series 50W~65W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 115 x 55 x 35 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1548-5012-T2	**12**	**0~4.17**	**50**	**200**	**2.1x5.5x11**
SYS1548-5024-T2	**24**	**0~2.08**	**50**	**240**	**2.1x5.5x11**
SYS1548-6512-T2	**12**	**0~5.42**	**65**	**180**	**2.1x5.5x11**
SYS1548-6512-T2	**12**	**0~5.42**	**65**	**180**	**2.5x5.5x11**
SYS1548-6515-T2	**15**	**0~4.33**	**65**	**200**	**2.1x5.5x11**
SYS1548-6518-T2	**18**	**0~3.61**	**65**	**240**	**2.1x5.5x11**
SYS1548-6519-T2	**19**	**0~3.42**	**65**	**240**	**2.1x5.5x11**
SYS1548-6524-T2	**24**	**0~2.71**	**65**	**300**	**2.1x5.5x11**
SYS1548-6536-T2	**36**	**0~1.80**	**65**	**360**	**2.1x5.5x11**

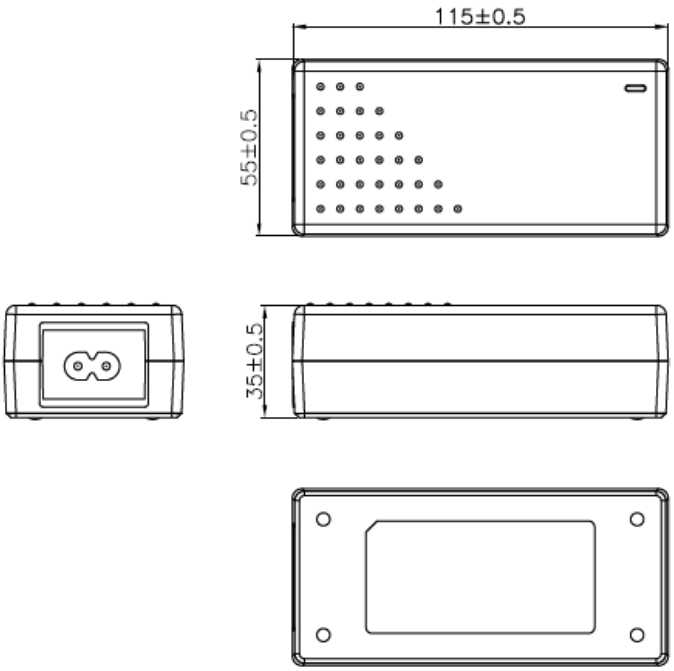
Features:

Available in 2 inlet versions: C7 (T2) C13(T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

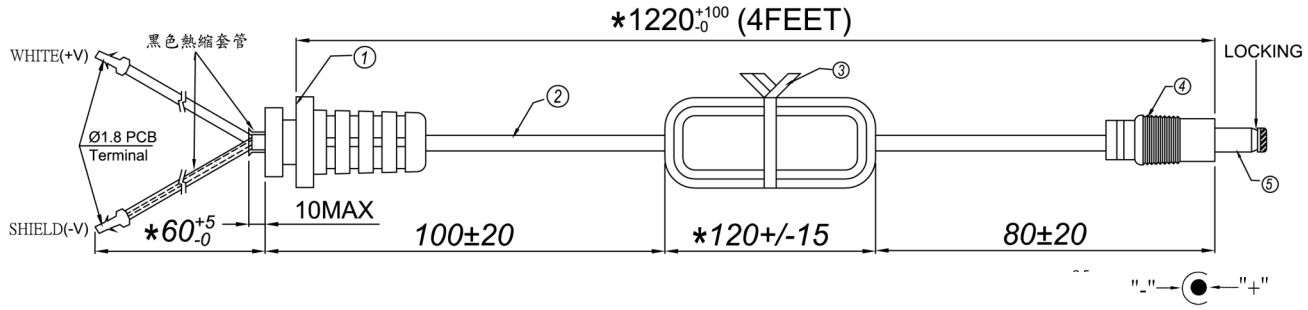
OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 75w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	2.0A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/80A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	T2:0.25mA max T3:3.0mA max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:3.15A 250V Fuse The power supply shall be protected
No Load protection	The power supply is provided with no load operation to prevent
Protection class	II, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU
SAFETY	
CB | CE | GS | FCC | cULus | SAA | RCM | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC or PPO
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 290g/pc	
GW: 16kg/box	
PACKING	
PE plastic bag	60 pcs/1 box 48x44x23 cm

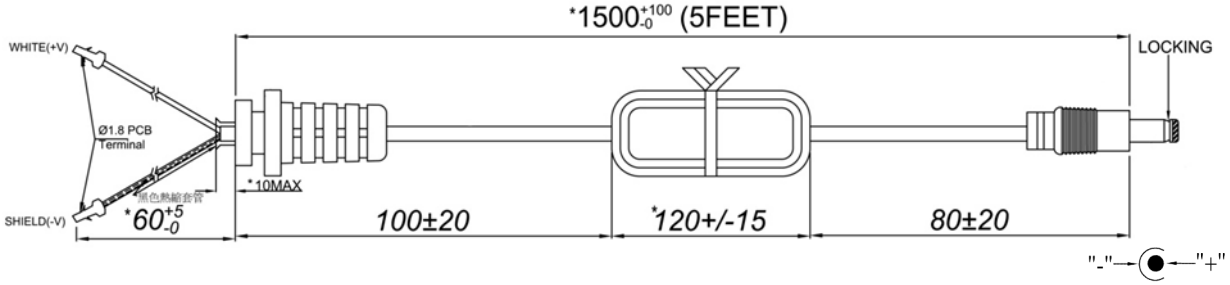
Mechanical case specification:



Cable specification:



FIX cable type (1185#16 for 12V model, 1185#20 for 24V model)



Sunny — Desktop — SYS1548-T3 series — 50W~65W

ITU-T K.21 | GREEN MODE | RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 115 x 55 x 35 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1548-5012-T3	**12**	**0~4.17**	**50**	**200**	**2.1x5.5x11**
SYS1548-5024-T3	**24**	**0~2.08**	**50**	**240**	**2.1x5.5x11**
SYS1548-6512-T3	**12**	**0~5.42**	**65**	**180**	**2.1x5.5x11**
SYS1548-6512-T3	**12**	**0~5.42**	**65**	**180**	**2.5x5.5x11**
SYS1548-6515-T3	**15**	**0~4.33**	**65**	**200**	**2.1x5.5x11**
SYS1548-6518-T3	**18**	**0~3.61**	**65**	**240**	**2.1x5.5x11**
SYS1548-6519-T3	**19**	**0~3.42**	**65**	**240**	**2.1x5.5x11**
SYS1548-6524-T3	**24**	**0~2.71**	**65**	**300**	**2.1x5.5x11**
SYS1548-6536-T3	**36**	**0~1.80**	**65**	**360**	**2.1x5.5x11**

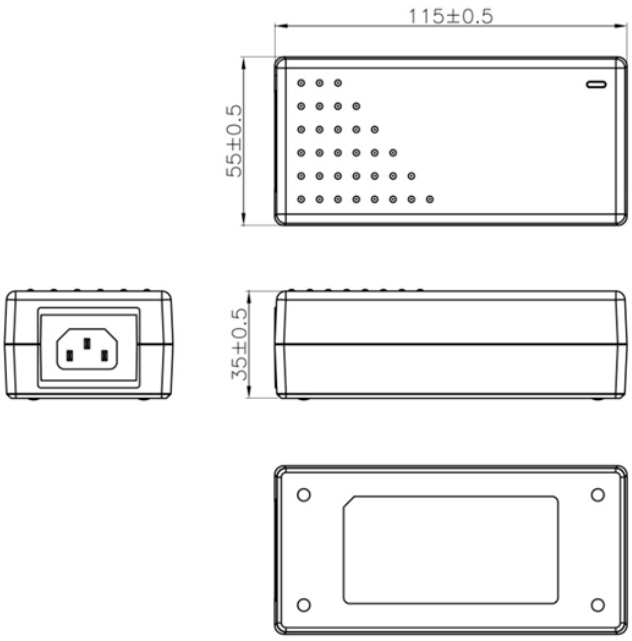
Features:

Available in 2 inlet versions: C7 (T2) C13(T3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

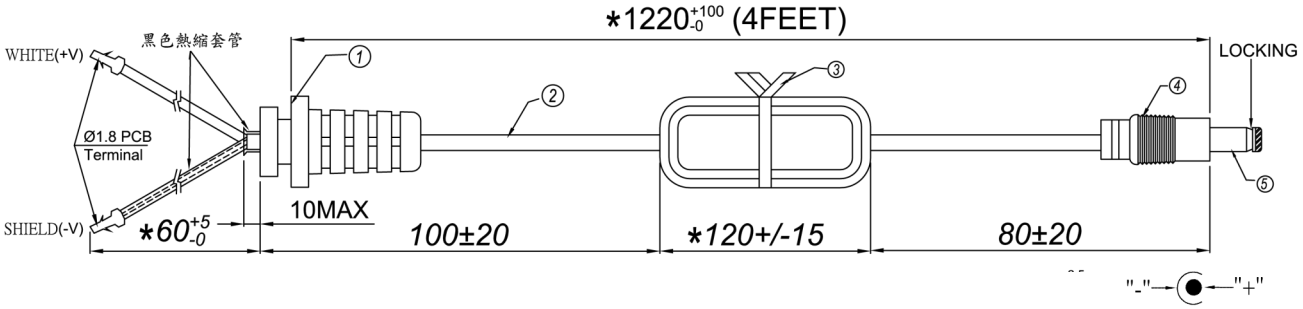
OUTPUT	
Turn delay	3000 ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ
Transient response (dv,tmax)	0.4V dv max At AC nominal input loading from 20%load to 80%load
	16ms tmax Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 75w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.075W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	2.0A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	40/80A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	T2:0.25mA max T3:3.0mA max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:3.15A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	I, (ITU-T K.21 Surge 6KV on request)

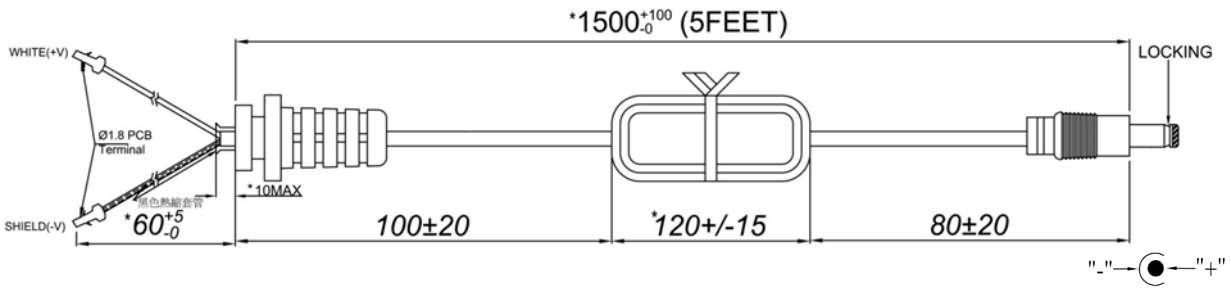
CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | GS | FCC | cULus | CCC | BSMI | PSE | KC(only12V) | SAA | RCM | NOM (only5012/6012) | UKCA | EAC(only5012) | BIS(only6512/6012/5012) | S-MARK | STCOA	
OTHERS	
Dielectric Strength	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC or PPO
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condens-
WEIGHT	
NW: 300g/pc	
GW: 16kg/box	
PACKING	
PE plastic bag	60 pcs/1 box 48x44x23 cm

Mechanical case



Cable specification:





Desktop SYS1649-T3 series 65W

ITU-T K.21 GREEN MODE RoHS

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 115 x 55 x 35 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1649-6548-T3	**48**	**0~1.35**	**65**	**480**	**2.1x5.5x11**

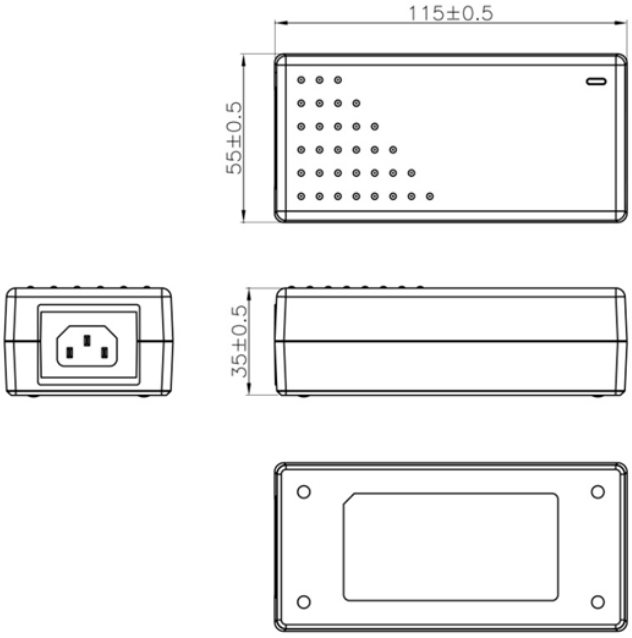
Features:

Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

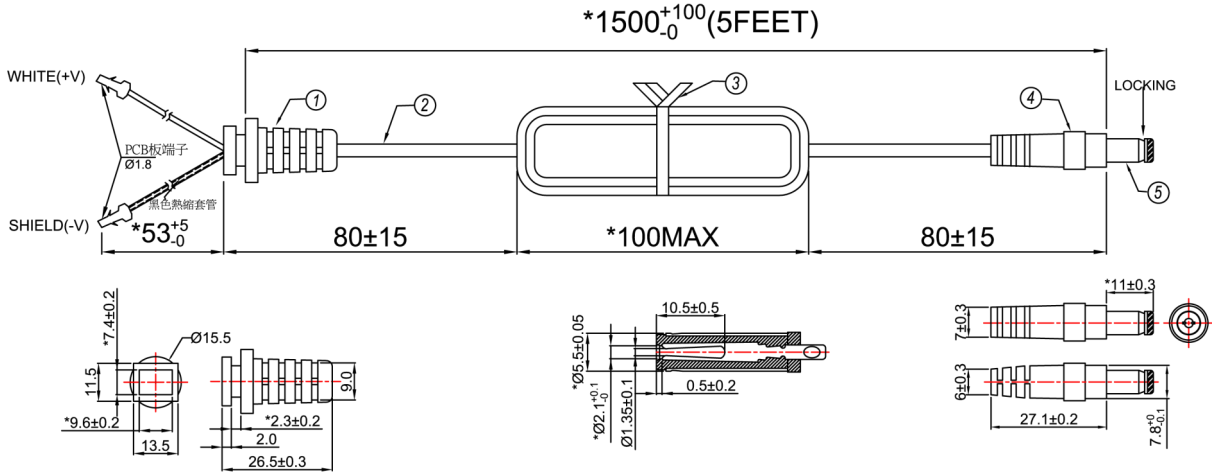
OUTPUT	
Turn delay	3000 ms max@3S max on the condition that input volotage
Hold up time	5ms min@AC nominal input@output full load
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level
Transient response (dv,tmax)	VO ±10% max At AC nominal input loading from 20%load to
	Dynamic rise time 10 us max,duty 40ms max,Dynamic load
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.21W ms max. At AC nominal input@output min
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	1.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	3.5mA max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:3.15A 250V Fuse The power supply shall be protected
No Load protection	The power supply is provided with no load operation to
Protection class	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU
SAFETY	
CB | CE | FCC | UL | CCC | BSMI | SAA | RCM | UKCA	
OTHERS	
Dielectric Strength	Primary to Secondary:4000VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC or PPO
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condens-
WEIGHT	
NW: xxxg/pc	
GW: xxkg/box	
PACKING	
PE plastic bag	60 pcs/1 box 46x41x20 cm

Mechanical case



Cable specification:



Wall mount SYS1621-TYPE C 60-T2 60W

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 61 × 61 × 29 [mm]

Efficiency level (ErP) : VI

GREEN MODE **RoHS**

Specifications

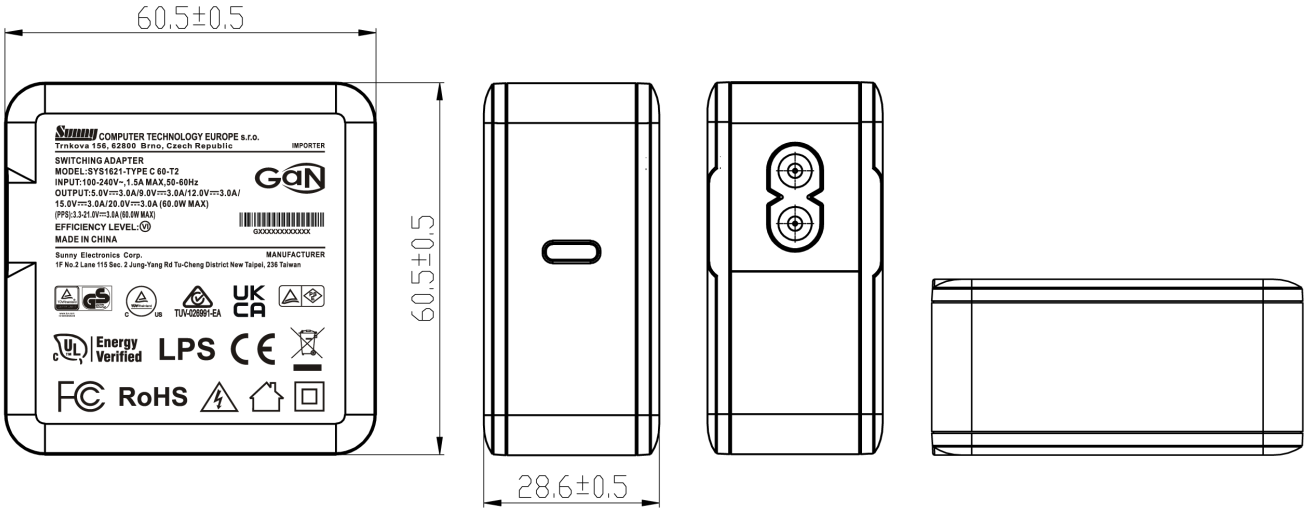
Model	Voltage DC/Loading [V/A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector
SYS1621-TYPE C 60-T2	**5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A**	**60**	**250**	**USB-C**

Features:

GaN technology Power Supply
Auto-detect the charging voltage and current for Type C and ios devices.
Meet PD3.0 requirement rules
The Programmable Power Supply (PPS) output is 3.3-21V / 3.0A max (60W max)
USB-C desktop charger T2
Output connector: Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | 2 Years Warranty

INPUT | OUTPUT	**Voltage**	90-264VAC
	Current	1.5A rms max | At AC low line input and DC output full load
	Inrush Current	0
	Power consumption	0.21W max. with output no load at 115VAC/230VAC input
	Efficiency	Meet ERP level VI
	Hold up time	0
	Turn delay	5000mS max. | At AC low line input @ output full load.
	Ripple|noise	250mV
	Burn-in	2 Hour Full Load
PROTECTION	**Over current|Short protection**	Fold back | Auto recovery when abnormal circuit faults remove.
	Over Voltage	Auto recovery
	Input protection	3.15A/250V Fuse | The power supply shall be protected against power line surges and any abnormal condition
	Protection class	Class II
SAFETY	**CE EMC**	2014/30/EU
	CE LVD	2014/35/EU EN IEC 62368-1:2020+A11:2020
	Safety approvals	GS | cTUVus | FCC | CE | CB | SAA+RCM | PSE | UKCA
	Dielectric Strength (Hi-pot)	IEC 320 2pin primary to secondary 4000Vdc 10mA 1min
	Leakage current	0.25 mA max.
ENVIRONMENTAL	**Temperature**	Operating: -5~35°C / Storage: -20~85°C
	Humidity	Operating: 8%~90%RH / Storage:5%~95% RH
	Cooling	Natural Convection Cooling
OTHER	**MTBF**	MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)
	Weight	0
	Dimension	61x61x29 mm
	Packing	100 pcs | 1 box

Mechanical case specification:



Country of Origin : *China*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

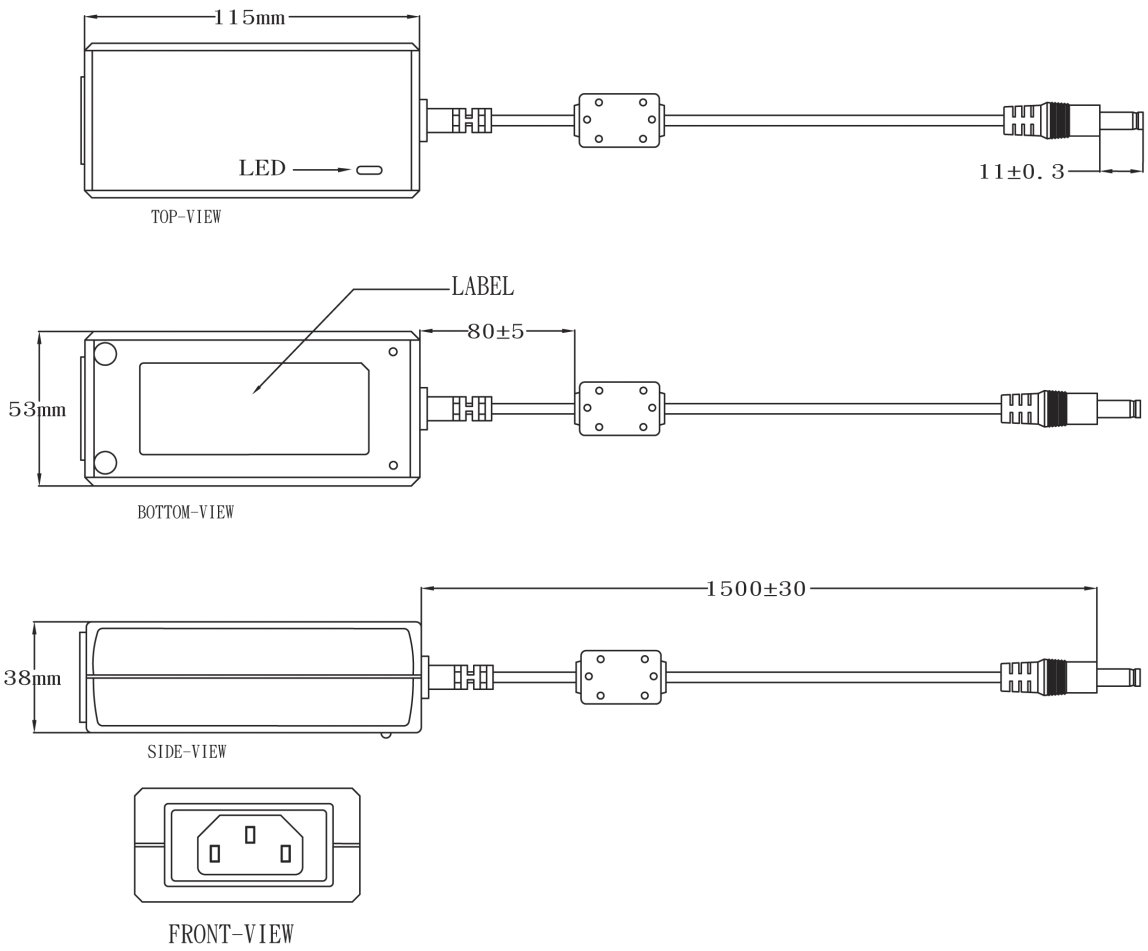
Model	Voltage DC [V]	Loading [A]	Max. Power [W]
ATS 065T-P480-T3	**48**	**0~1.36**	**65**

Features:

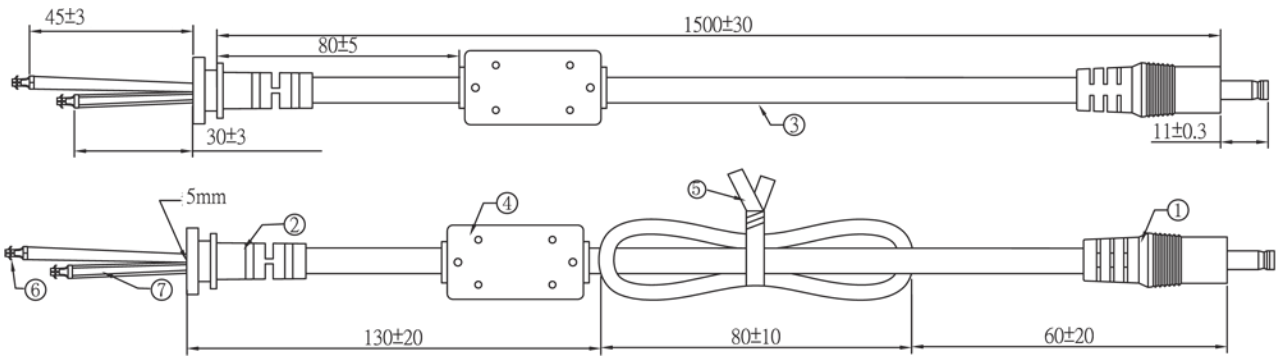
Compliant to DoE 2016 (Level VI) | ErP Stage 2, NRCan & GEMS Level VI | No Load Power Consumption < 0.1 W | Regulated Output with Low Ripple Noise | 1 Year Warranty

INPUT		
	Voltage	AC 100 V – 240 V
	Frequency	50 Hz - 60 Hz
	Current	1.40 A max.
	Protection	Internal Primary Current Fuse, Inrush Limiting
OUTPUT		
	Load Regulation	± 5 % (typical)
	Ripple	1 % – 2 % V p-p max. for output voltage at full load
	Transient Response	0.5 ms for 50 % load change typical
	Leakage Current	0.25 mA max.
	Protection	Short circuit Protection ▪ Over Voltage Protection ▪ Over Current Protection
OTHERS		
	Cooling	Convection
	Efficiency	DoE Level VI ▪ Energy Star ▪ ErP Stage 2 ▪ NRCan & GEMS Level VI Certified
	Holdup Time	10 ms at full load
	Dielectric Withstand	AC 3000 V Primary – Secondary
	MTBF	300,000 calculated hours at 25 °C by telcordia SR-332
	Output Cable	UL 1185 20 AWG / 18 AWG / 16 AWG, Ferrit Core, Length: 150 cm
	Output Connector Type	**Standard:** 5.5 x 2.1 x 11 mm
ENVIRONMENT		
	Temperature	Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH
Safety	EN 62368-1:2014+A11:2017 ▪ CE ▪ RCM ▪ PSE ▪ BSMI ▪ UKCA	
Case Dimensions	115 mm × 53 mm × 38 mm	
Weight	310 g	

Mechanical case specification:



Cable specification:



Desktop SYS1575-90xx-M3 series 90W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 139 x 61 x 33 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1575-9012-M3	**12**	**0~7.5**	**90**	**200**	**2.1x5.5x11**
SYS1575-9015-M3	**15**	**0~6.0**	**90**	**200**	**2.1x5.5x11**
SYS1575-9018-M3	**18**	**0~5.0**	**90**	**200**	**2.1x5.5x11**
SYS1575-9019-M3	**19**	**0~4.73**	**90**	**200**	**2.1x5.5x11**
SYS1575-9020-M3	**20**	**0~4.5**	**90**	**200**	**2.1x5.5x11**
SYS1575-9024-M3	**24**	**0~3.75**	**90**	**240**	**2.1x5.5x11**
SYS1575-9036-M3	**36**	**0~2.5**	**90**	**360**	**2.1x5.5x11**
SYS1575-9048-M3	**48**	**0~1.87**	**90**	**480**	**2.1x5.5x11**
SYS1575-9054-M3	**54**	**0~1.6**	**90**	**540**	**2.1x5.5x11**

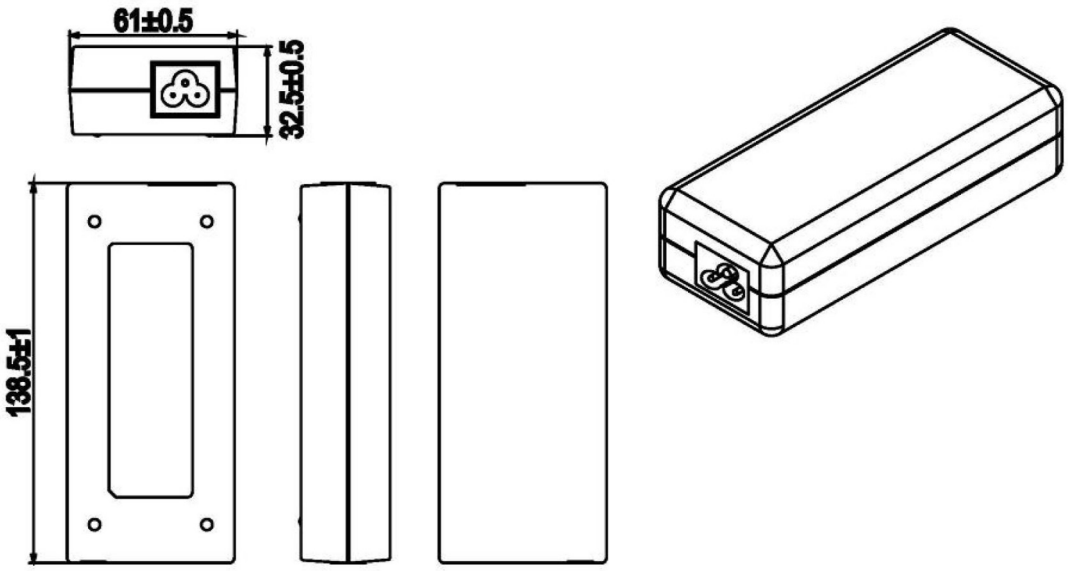
Features:

Available in inlet version: C5 (M3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

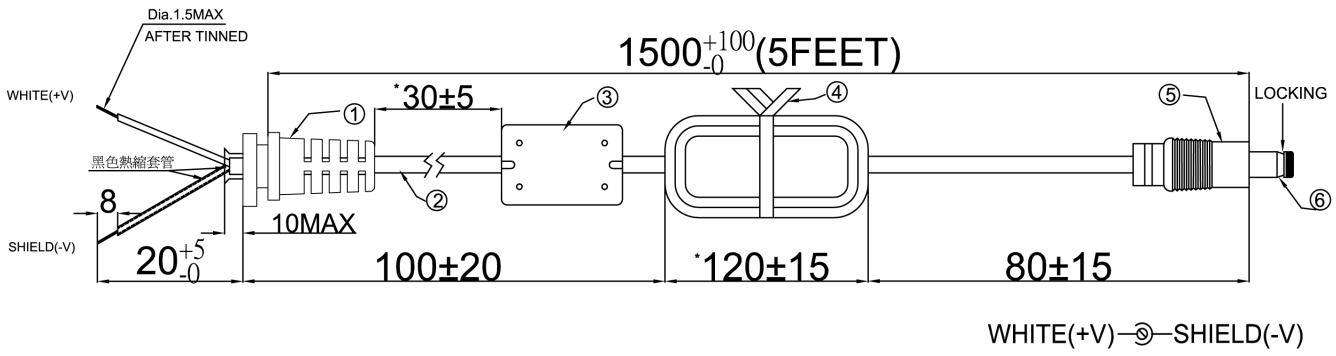
OUTPUT	
Turn delay	7000ms max@AC low line input@output full load
Hold up time	10ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ
Transient response (dv,tmax)	2V dv max At AC nominal input loading from 20%load to 80%load
	Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 110w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.21W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	2.5A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	100A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	3.2mA max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:4A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | FCC | cULus | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	Primary to Secondary:1500VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD (power line disturbance)	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC or PPO
Temperature coefficient:	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85 °C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non con-
WEIGHT	
NW: 438g/pc	
GW: about 17kg/box - depends on the model	
PACKING	
30 pcs/1 box	

Mechanical case specification:



Cable specification:



Desktop SYS1576-M3 series 130W

GREEN MODE **RoHS**

Country of Origin : China

Operating Temperature : 0~40 [°C]

Dimension : 169 x 61 x 39 [mm]

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
SYS1576-12012-M3	**12**	**0~10.0**	**120**	**200**	**2.1x5.5x11**
SYS1576-12015-M3	**15**	**0~8.0**	**120**	**200**	**2.1x5.5x11**
SYS1576-12018-M3	**18**	**0~6.66**	**120**	**200**	**2.1x5.5x11**
SYS1576-12019-M3	**19**	**0~6.31**	**120**	**200**	**2.1x5.5x11**
SYS1576-12020-M3	**20**	**0~6.0**	**120**	**200**	**2.1x5.5x11**
SYS1576-12024-M3	**24**	**0~5.0**	**120**	**240**	**2.1x5.5x11**
SYS1576-13036-M3	**36**	**0~3.6**	**130**	**360**	**2.1x5.5x11**
SYS1576-13048-M3	**48**	**0~2.7**	**130**	**480**	**2.1x5.5x11**
SYS1576-13054-M3	**54**	**0~2.4**	**130**	**540**	**2.1x5.5x11**

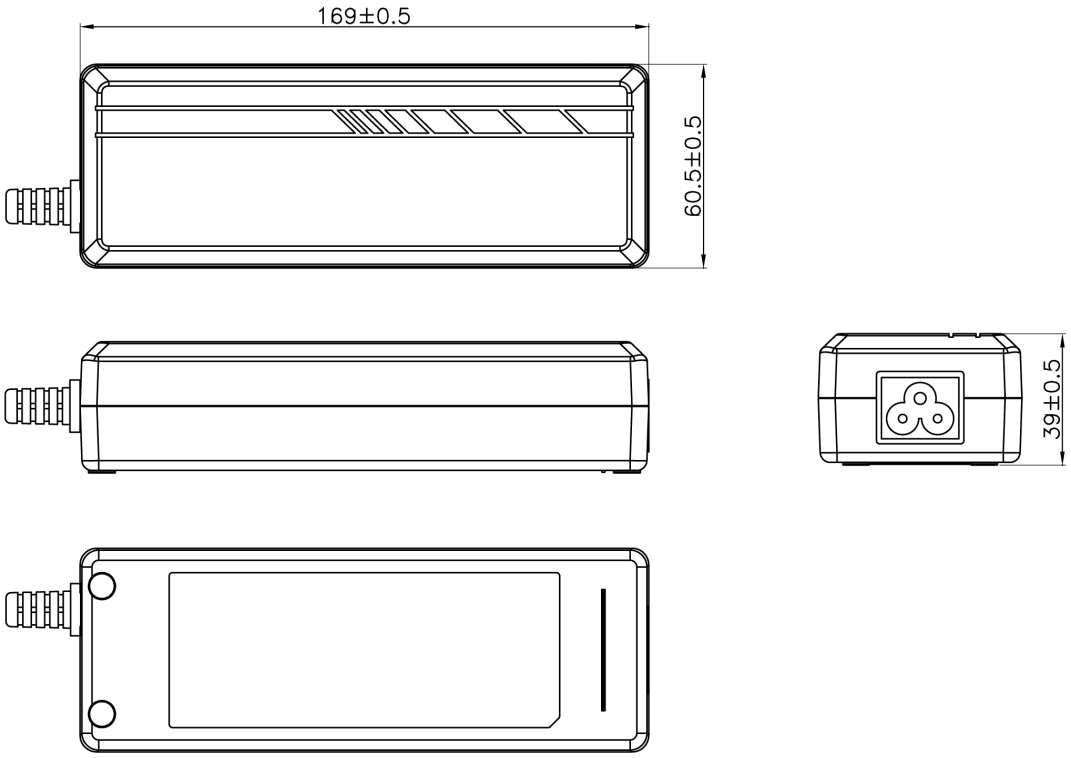
Features:

Available in inlet version: C5 (M3)
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

OUTPUT	
Turn delay	7000ms max@AC low line input@output full load
Hold up time	5ms min@AC nominal input@output full load (>half cycle)
Efficiency (Normal)	Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ
Transient response (dv,tmax)	1.2V dv max At AC nominal input loading from 20%load to 80% load
	Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us
Power out.Limit	Peak 150w
Burn in limit	Full load 2 Hours
Power consumption	Less than 0.21W ms max. At AC nominal input@output min load
INPUT	
Voltage	(90~264)VAC
Frequency	(47~63)hz
Current	4A rms@AC low line input and DC output full load
Inrush Surge Current (cold start)	120A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input
leakage current	3.5mA max
PROTECTION	
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.
Over Voltage	The power supply will be auto recovered when faults remove
Input protection	F1:6.3A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.
Protection class	I, (ITU-T K.21 Surge 6KV on request)

CE	
EMC	2014/30/EU
LVD	2014/35/EU EN 62368-1:2014+A11:2017
SAFETY	
CB | CE | FCC | cULus | SAA | RCM | PSB | UKCA	
OTHERS	
Dielectric Strength (Hi-pot)	Primary to Secondary:1500VAC 10mA/60S
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332
Cable Length	1500mm (5 feet) standard cable or as required
PLD (power line disturb-	Line power surge | Line voltage SAG-more info on request
Cooling method	Natural Convection Cooling
Housing material	PC or PPO
Temperature coeffi-	< ±0.5% / °C
ENVIRONMENT	
Temperature	Operating: 0~40°C / Storage: -20~85°C
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing
WEIGHT	
NW: 680 g/pc (estimated)	
GW: 19 kg/box (estimated)	
PACKING	
25 pcs/1 box	

Mechanical case specification:



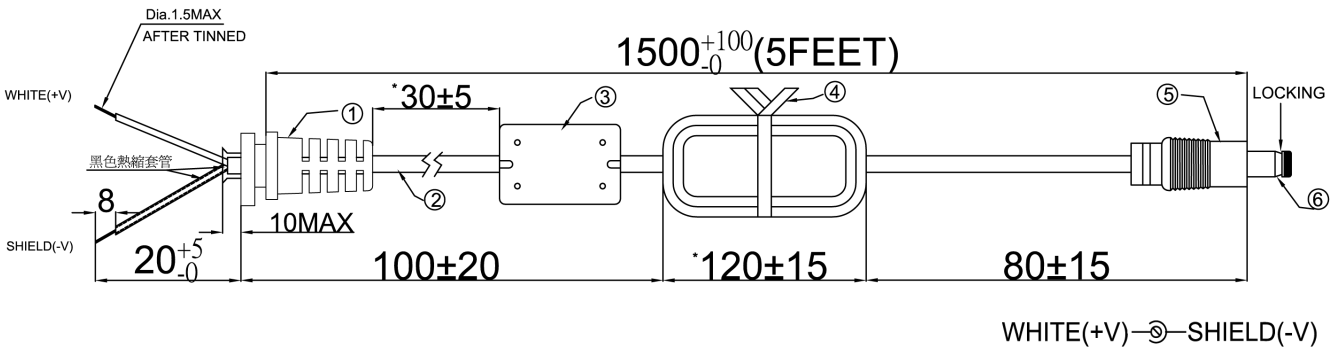
Cable specification:

for models with Voltage 12V-15V

1185#14*1C+SHIELD|1500mm

for models with Voltage 18V-54V

1185#16*1C+SHIELD|1500mm



Desktop STD-120W series max 120W

GREEN MODE **RoHS**

Country of Origin : *China*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

Model	Voltage DC [V]	Loading [A]	Max. Power [W]
STD 12090-T3	**12**	**0~9.0**	**108**
STD 15080-T3	**15**	**0~8.0**	**120**
STD 16075-T3	**16**	**0~7.5**	**120**
STD 18066-T3	**18**	**0~6.6**	**120**
STD 19063-T3	**19**	**0~6.3**	**120**
STD 20060-T3	**20**	**0~6.0**	**120**
STD 24050-T3	**24**	**0~5.0**	**120**
STD 30040-T3	**30**	**0~4.0**	**120**
STD 48025-T3	**48**	**0~2.5**	**120**
STD 56021-T3	**56**	**0~2.15**	**120**

Features:

Compliant to DoE 2016 (Level VI) | ErP Stage 2, NRCan & GEMS Level VI | No Load Power Consumption < 0.1 W | Regulated Output with Low Ripple Noise | 1 Year Warranty

INPUT		
	Voltage	AC 100 V – 240 V
	Frequency	50 Hz - 60 Hz
	Current	1.6 A max.
	Protection	Internal Primary Current Fuse, Inrush Limiting
OUTPUT		
	Load Regulation	± 5 % (typical)
	Ripple	1 % – 2 % V p-p max. for output voltage at full load
	Transient Response	0.5 ms for 50 % load change typical
	Leakage Current	0.25 mA max.
	Protection	Short circuit Protection ▪ Over Voltage Protection ▪ Over Current Protection
OTHERS		
	Cooling	Convection
	Efficiency	DoE Level VI ▪ Energy Star ▪ ErP Stage 2 ▪ NRCan & GEMS Level VI Certified
	Holdup Time	10 ms at full load
	Dielectric Withstand	AC 3000 V Primary – Secondary
	MTBF	300,000 calculated hours at 25 °C by telcordia SR-332
ENVIRONMENT		
	Temperature	Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH
Safety	IEC / EN / UL 62368-1 ▪ CE ▪ RCM ▪ PSE ▪ BSM ▪ UKCA	
Case Dimensions	168 mm × 66 mm × 39 mm	
Weight	-g	

8.Mechanical :

8.1 Weight : 630g Typical

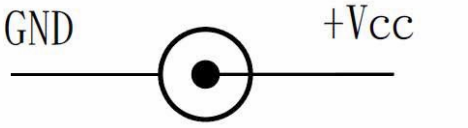
8.2 Cable Type : Black UL1185 18AWG
(Wire + Plug)
Plug : Ø5.5*Ø2.1*11mm
(Tuning Fork & Cannelure)

8.3 Cable Length : 1500mm

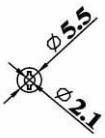
8.4 Case Dimension : 168.1mm(L)*65.9mm(W)*39mm(H)

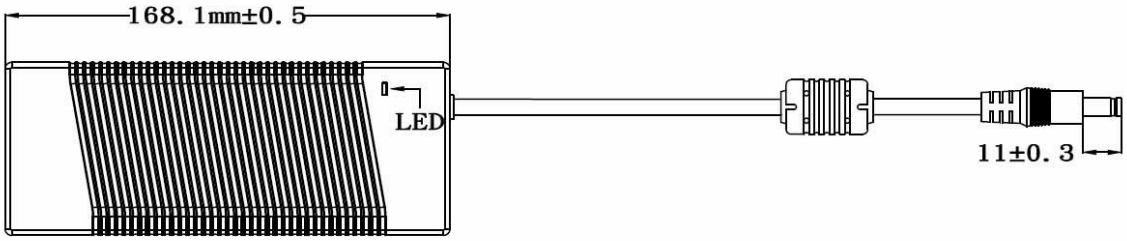
8.5 Material Flammability : UL 94V-0

8.6 External Apperance : As drawing below (Scale → mm)

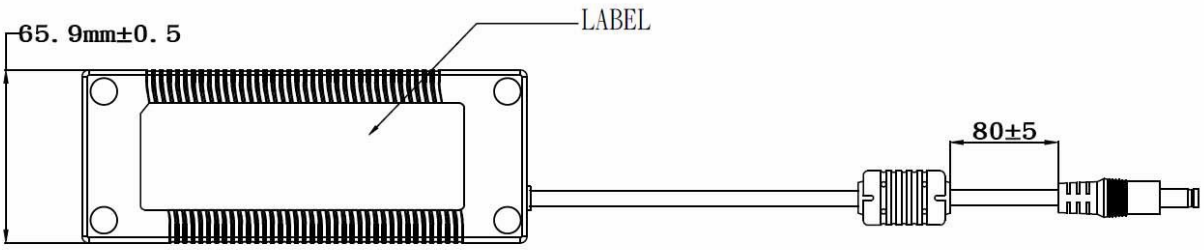


Output Cable Plug Pin Assignment

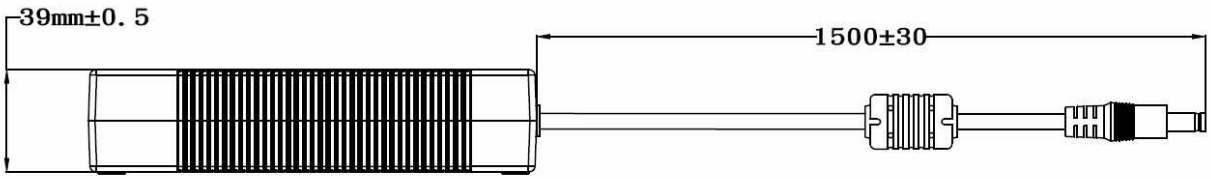




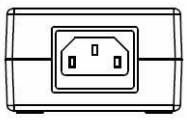
TOP-VIEW



BOTTOM-VIEW



SIDE-VIEW



FRONT-VIEW

Desktop ATS-160W series 150W~160W

GREEN MODE **RoHS**

Country of Origin : *China*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

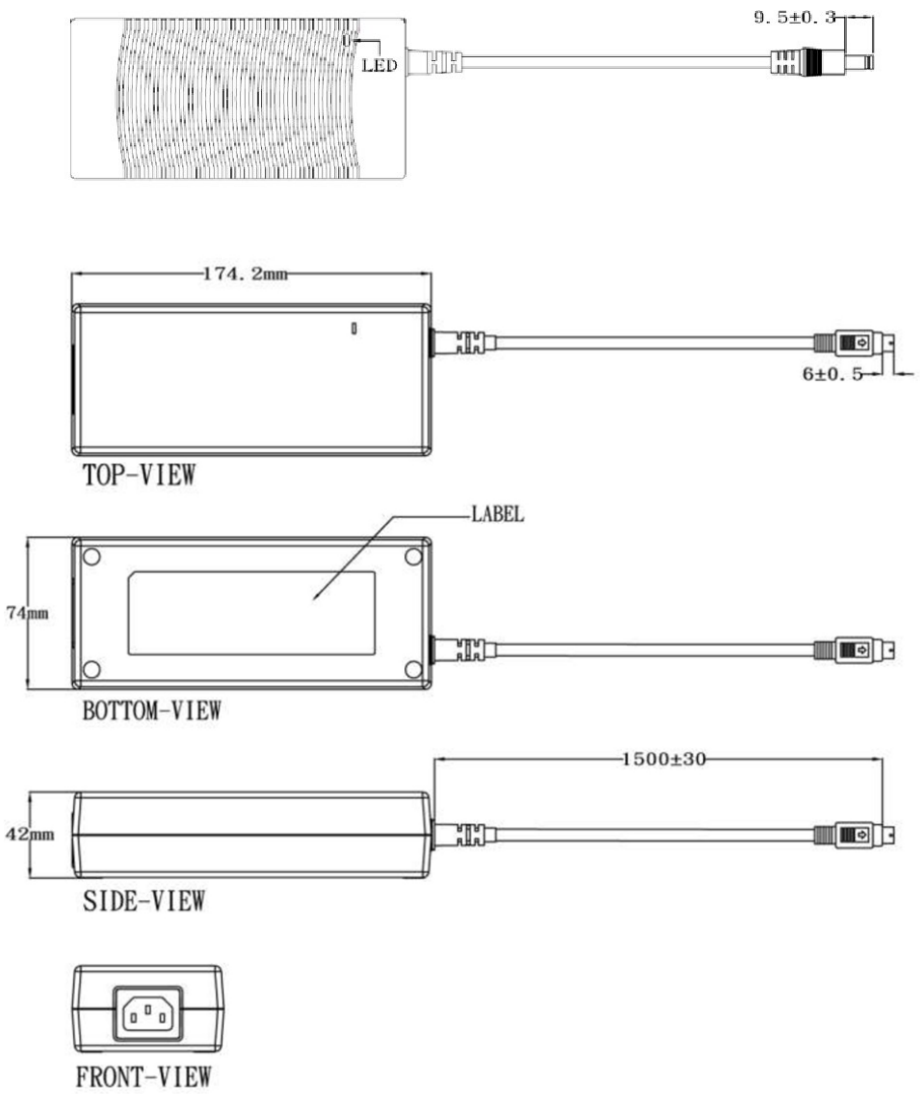
Model	Voltage DC [V]	Loading [A]	Max. Power [W]
ATS 160T-P120-T3	**12**	**0~12.5**	**150**
ATS 160T-P190-T3	**19**	**0~8.4**	**160**
ATS 160T-P240-T3	**24**	**0~6.6**	**160**
ATS 160T-P480-T3	**48**	**0~3.3**	**160**
ATS 160T-P560-T3	**56**	**0~2.9**	**160**

Features:

Compliant to DoE 2016 (Level VI) | ErP Stage 2, NRCan & GEMS Level VI | No Load Power Consumption < 0.1 W | Regulated Output with Low Ripple Noise | 1 Year Warranty

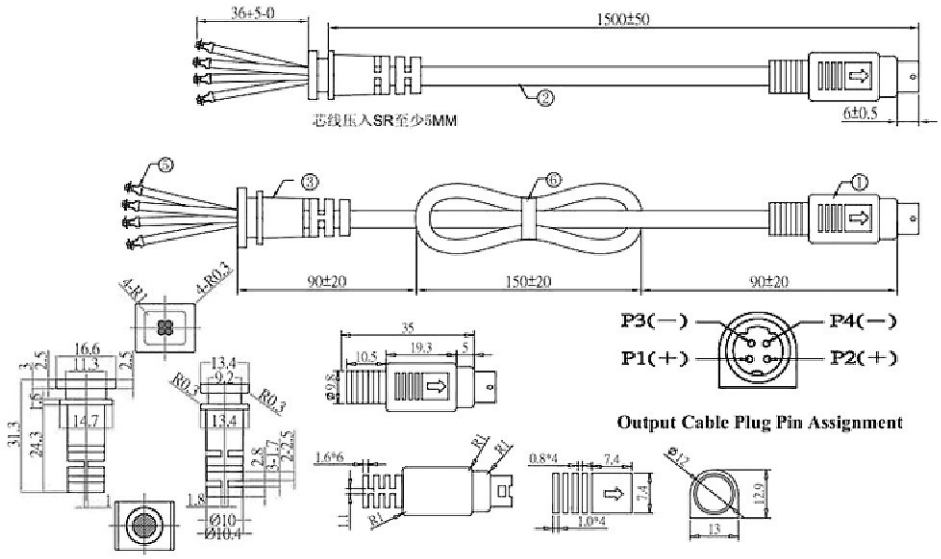
INPUT		
	Voltage	AC 100 V – 240 V
	Frequency	50 Hz - 60 Hz
	Current	2.2 A max.
	Protection	Internal Primary Current Fuse, Inrush Limiting
OUTPUT		
	Load Regulation	± 5 % (typical)
	Ripple	1 % – 2 % V p-p max. for output voltage at full load
	Transient Response	0.5 ms for 50 % load change typical
	Leakage Current	0.25 mA max.
	Protection	Short circuit Protection ▪ Over Voltage Protection ▪ Over Current Protection
OTHERS		
	Cooling	Convection
	Efficiency	DoE Level VI ▪ Energy Star ▪ ErP Stage 2 ▪ NRCan & GEMS Level VI Certified
	Holdup Time	10 ms at full load
	Dielectric Withstand	AC 3000 V Primary – Secondary
	MTBF	300,000 calculated hours at 25 °C by telcordia SR-332
ENVIRONMENT		
	Temperature	Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH
Safety	EN 62368-1:2014+A11:2017 ▪ CE ▪ RCM ▪ PSE ▪ BSMI (approvals may vary with input plug type) ▪ UKCA	
Case Dimensions	175 mm ×74 mm × 42 mm	
Weight	700 g	

Mechanical case specification:



Cable specification:

P1= (+V) | P2= (+V) | P3= (-V) | P4= (-V) | SHIELD=Not Connected



Desktop ATS-200W series 192W~200W

GREEN MODE **RoHS**

Country of Origin : *China*

Efficiency level (ErP) : VI

Approvals / Marks :

Specifications

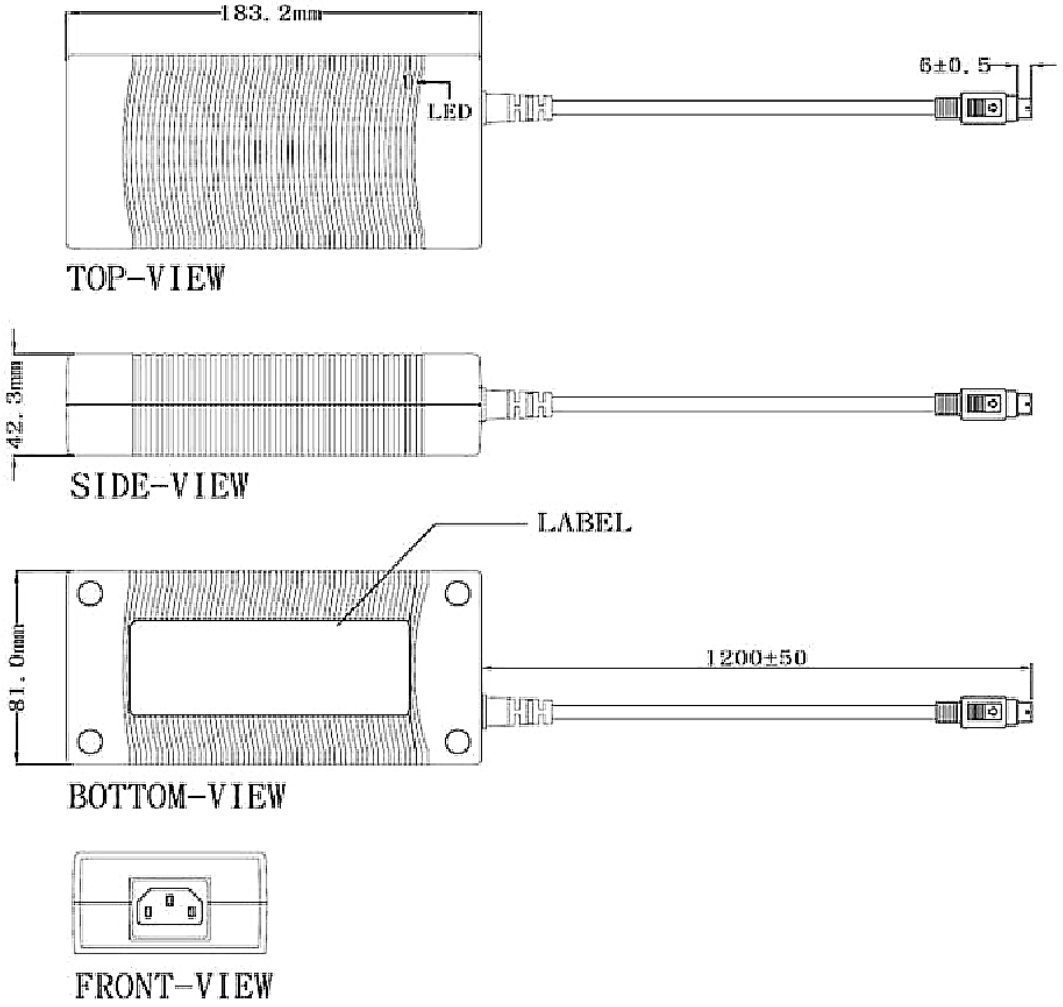
Model	Voltage DC [V]	Loading [A]	Max. Power [W]
ATS 200T-P120-T3	**12**	**0~16.0**	**192**
ATS 200T-P240-T3	**24**	**0~8.3**	**200**
ATS 200T-P480-T3	**48**	**0~4.2**	**200**

Features:

Compliant to DoE 2016 (Level VI) | ErP Stage 2, NRCan & GEMS Level VI | No Load Power Consumption < 0.1 W | Regulated Output with Low Ripple Noise | 1 Year Warranty

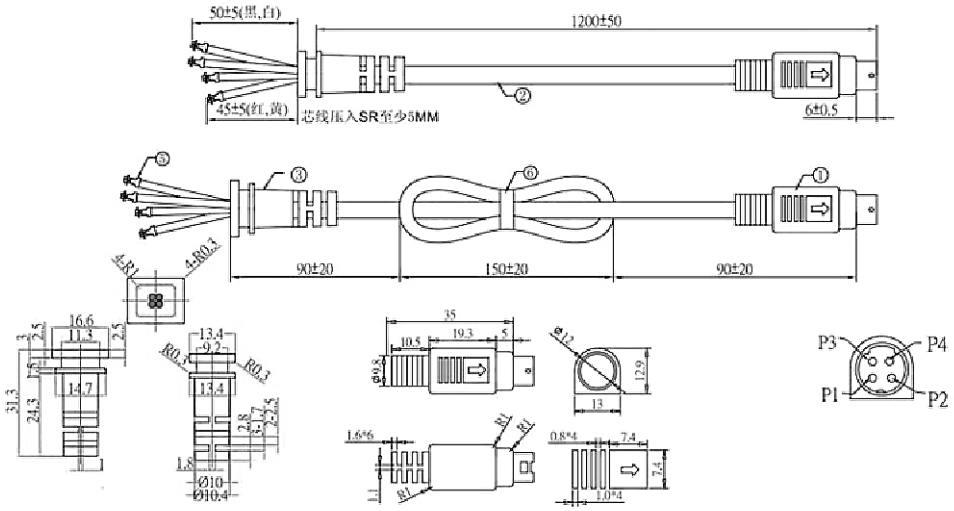
INPUT		
	Voltage	AC 100 V – 240 V
	Frequency	50 Hz - 60 Hz
	Current	2.8 A max.
	Protection	Internal Primary Current Fuse, Inrush Limiting
OUTPUT		
	Load Regulation	± 5 % (typical)
	Ripple	1 % – 2 % V p-p max. for output voltage at full load
	Transient Response	0.5 ms for 50 % load change typical
	Leakage Current	0.25 mA max.
	Protection	Short circuit Protection ▪ Over Voltage Protection ▪ Over Current Protection
OTHERS		
	Cooling	Convection
	Efficiency	DoE Level VI ▪ Energy Star ▪ ErP Stage 2 ▪ NRCan & GEMS Level VI Certified
	Holdup Time	10 ms at full load
	Dielectric Withstand	AC 3000 V Primary – Secondary
	MTBF	300,000 calculated hours at 25 °C by telcordia SR-332
ENVIRONMENT		
	Temperature	Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C
	Humidity	Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH
Safety	EN 62368-1:2014+A11:2017 ▪ CE ▪ PSE ▪ UKCA	
Case Dimensions	183.2 mm x 81.0 mm x 42.3 mm	
Weight	820 g	

Mechanical case specification:



Cable specification:

P1= (+V) | P2= (+V) | P3= (-V) | P4= (-V) | SHIELD=Not Connected



LED Driver SYL1460-Wxx series 24W

GREEN MODE **RoHS**

Country of Origin : China

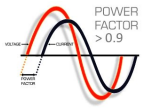
Operating Temperature : 0~40 [°C]

Dimension : 93.5 x 46 x 37.7 [mm]

Certified AC Plugs: EU, UK, USA/Japan, Australia, China

Efficiency level (ErP) :

Approvals / Marks :



Features:

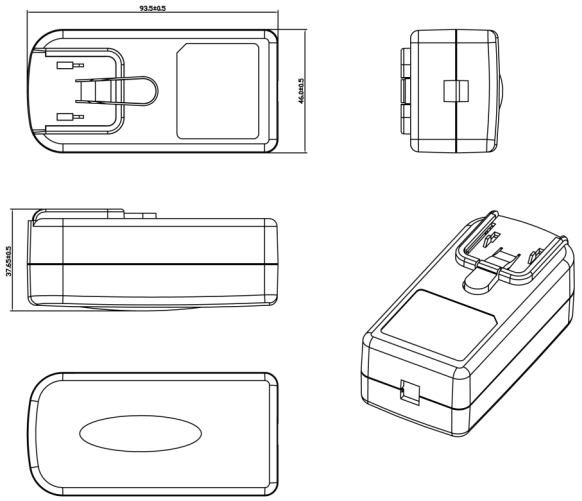
Wall-mount LED Driver with Exchangeable AC Plugs.	For LED applications use only
Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz.	RoHS conform
Customer can choose one or more certified plugs Wxx*(W2E, W2, W3U, W2A, W2C).	
Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement.	

Specification:

	Model	Voltage DC [V]	Loading [A]	Line/Road regulation [%]	Over Current [A]	Over Voltage [V]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector UL approved [mm]
ErP V.	**SYL1460-2412-Wxx***	**12**	**0.01~2.00**	**5**	**2.05 ~ 3.5**	**< 20**	**24**	**250**	**2.1x5.5x11**
	SYL1460-2415-Wxx*	**15**	**0.01~1.60**	**5**	**1.65 ~ 3.0**	**< 25**	**24**	**250**	**2.1x5.5x11**
	SYL1460-2424-Wxx*	**24**	**0.01~1.00**	**5**	**1.05 ~ 2.0**	**< 40**	**24**	**300**	**2.1x5.5x11**

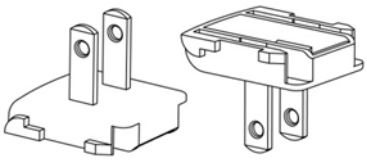
***Wxx**	Possible to order with	Wxx =W2E - Europe | W2 - USA,Canada | W3U - UK | W2A - Australia | W2C - China
INPUT	Voltage	(90 ~ 264) VAC
	Frequency	(47 ~ 63) Hz
	Current	0.5A rms@ AC low line input and DC output full load
	Inrush Current (cold start)	60Amax. @ LED Driver cold start, ambient temperature 25℃ @230Vac nominal AC input.
	Leakage current	0.25 mA max.
PROTECTION	Over Current	The LED Driver will self-protect any output to ground, And auto recovery when abnormal circuit faults remove.
	Over Voltage	The LED Driver will not be auto recovered when faults remove
	Short Circuit	Is defined as any output impedance of less than 0.1Ω. The LED Driver will be auto recovered when short circuit faults remove.
OTHERS	Efficiency (typical)	≧82.1％@ full load according upon spec
	Power factor	0.9 min At AC nominal input @ output full load
	Standby Power	0.3W rms max. At AC nominal input @ output min load
	Cooling	Free air convection
	M.T.B.F.	500,000 Calculated Hours at 25ºC, by Telcordia SR-332
	HI-POT	IEC 320 2pin primary to secondary 3750Vac 10mA 1min
ENVIRONMENT	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C
	Humidity	Operating: 8% ~ 90% RH non condensing / Storage: 5% ~ 95% RH non condensing
CONNECTION	Input	Plugs: EU, UK, US, AUS, China (exchangeable)
	Output	Plug standard center '+' or customer requirement // Cable length 1,8m
SAFETY	CE | MM Mark | F Mark | CB | FCC | EN61347-2-13 | UKCA	
CE	**EMC**	2014/30/EU
	LVD	2014/35/EU EN61347-1:2015+A1:2021
WEIGHT	1pc	N.W.: 156 g/pc + plug
PACKING	Box	0.42 x 0.38 x 0.27 [m]
		63pcs / 1box – provide without plugs / plugs are separately — G.W.: - kg/box

Mechanical case specification:

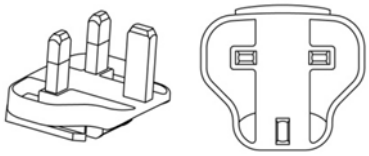


Mechanical specification (country housing):

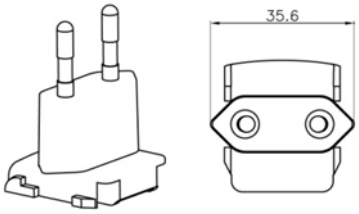
US / Japan type (W2)



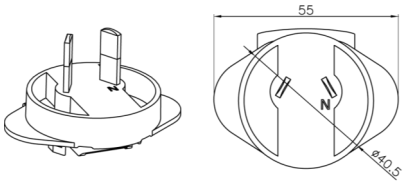
UK type (W3U)



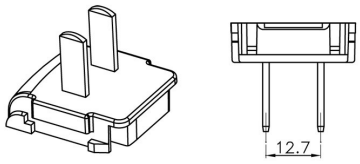
Europe type (W2E)



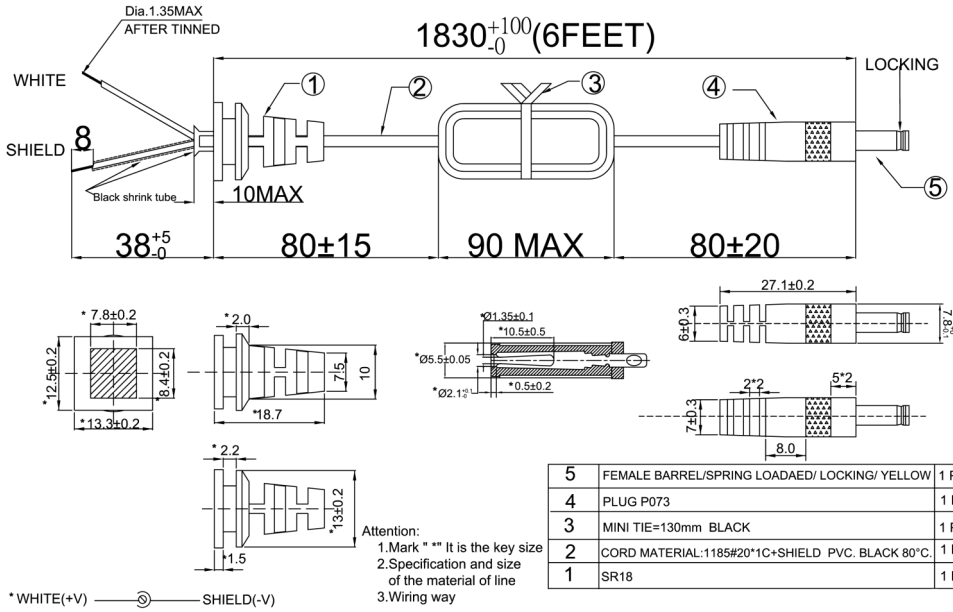
Australia type (W2A)



China type (W2C)



Cable specification:



Attention:
1.Mark " * " It is the key size
2.Specification and size of the material of line
3.Wiring way

5	FEMALE BARREL/SPRING LOADAED/ LOCKING/ YELLOW	1 PC	2.1(+0.1/-0)*5.5(+/-0.05) *11(+/-0.3)
4	PLUG P073	1 PC	
3	MINI TIE=130mm BLACK	1 PC	
2	CORD MATERIAL:1185#20*1C+SHIELD PVC. BLACK 80°C.	1 PC	UL APPROVAL
1	SR18	1 PC	

Car adapter RY-CC24U2 12W

RoHS

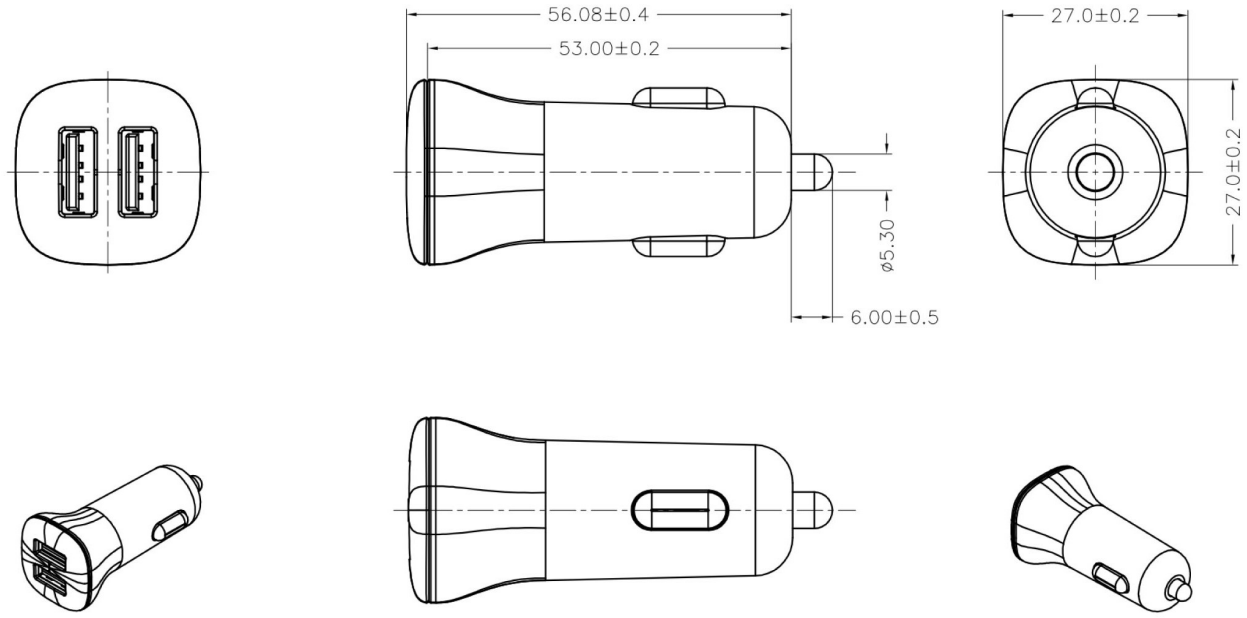
Country of Origin :	*China*
Operating Temperature :	*0~40 [°C]*
Dimension :	*62 x 27 x 27 [mm]*
Car adapter :	*DC-DC convertor*
Approvals / Marks :	CE

Truck 24 V

Car 12 V

Features:									
Car adapter for notebook can be used in cars and trucks (12V or 24V cigarette plug).									
Output current & output voltage protection.									
Input range (10 ~ 30)VDC. Power ON – Green LED.									
For I.T.E. use only + RoHS conform. | For iPhone / iPad and other									
Specification:									
ErP V.	Model	Voltage DC [V]	min. Load [A]	max. Load [A]	Efficiency [%]	OCP [A]	Max. Power [W]	Ripple & Noise [mV]p-p max.	Connector [mm]
	RY-CC24U2 (Dual Car Charger 1205)	**5.0**	**0**	**2.4**	**75**	**2.7-4.0**	**12**	**<200**	**USB inlet**
(*)	Depends on customer request if USB inlet or DC cable with DC UL approved connector								
INPUT	Voltage	(10 ~ 30)VDC							
	Input Current	1.8 A rms max At low line input and DC output full load							
	Load regulation	±5%							
	Power Efficiency	75% typical At nominal input@ output full load							
	Input Fuse	T2AL/250V Fuse							
OUTPUT	DC cable & connector	-							
	Burn in test	2 Hours Full Load							
	Turn on delay	1000ms max At low line input@output full load							
	Power ON Led	Yes (Green – Power ON @ adapter)							
PROTECTION	Input	Fuse 3.15A The power supply shall be protected against power line surges and any abnormal condition.							
	Short Circuit	The power supply shall be protected from damage of accidentally when the I/P voltage is between 11Vdc and 32Vdc.the O/P short protection could be protected forever .input power do not Exceed 5W when output is shorted.							
	Over Current	Removal of an output overload conditions shall permit automatic recovery of the output voltage.							
	Over Voltage	Yes, Voltage limit, OVP range = 7.5V max							
ENVIRONMENT	Cooling	By nature air.							
	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C							
	Humidity	Operating: (8 ~ 90)% RH / Storage: (5 ~ 95)% RH							
OTHERS	Case material	-							
	M.T.B.F.	500,000 Calculated Hours at 25°C, by Telcordia SR-332							
SAFETY	CE								
CE	**EMC**	2014/30/EU EN 50498:2010							
WEIGHT	1pc	N.W.: 18g / pc							
		0.392 x 0.392 x 0.257[m]							
PACKING	Box	500pcs / 1box							
		G.W.: 11.1 kg / box							

Mechanical case specification:



IEC320-C5 (EU)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	CEBEC, KEMA, NF, OVE, VDE, IMQ, FI, S, D, N, ENEC, KC

Length/cord		1.8m / 3x0.75mm2
Plug		SP-022 16A/250V
Connector		IS-034 2,5A/250V
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 180 g / pc
	BOX	100 pcs / 1box
		G.W.: 18,4 kg / box
		0.55x0.36x0.20 [m]

IEC320-C5 (UK)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	ASTA, ENEC

Length/cord		1.8m / 3x0.75mm2
Plug		SP-62 13A/250V
Connector		IS-034 2,5A/250V
Fuse		13A
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 204 g / pc
	BOX	75 pcs / 1box
		G.W.: 15,8 kg / box
		0.55x0.36x0.20 [m]

IEC320-C5 (USA)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	UL, CSA

Length/cord		1.8m / 3x0.75mm2
Plug		SP-305B 7A/125V
Connector		IS-034 7A/125V
Rating		300V 60°C
Flex cord		SVT
WEIGHT / PACKING	1pc	N.W.: 103 g / pc
	BOX	125 pcs / 1box
		G.W.: 18,9 kg / box
		0.55x0.36x0.20 [m]

IEC320-C5 (Aus)

Country of Origin	China
RoHS	yes
Application	For Class II. Appliances
Approvals	SAA

Length/cord		1.8m / 3x0.75mm2
Plug		SP-502B 10A/250V
Connector		IS-034 2,5A/250V
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 183 g / pc
	BOX	90 pcs / 1box
		G.W.: 17,3 kg / box
		0.55x0.36x0.20 [m]

IEC320-C7 (EU)

Country of Origin	China
RoHS	yes
Application	For Class II. Appliances
Approvals	ENEC

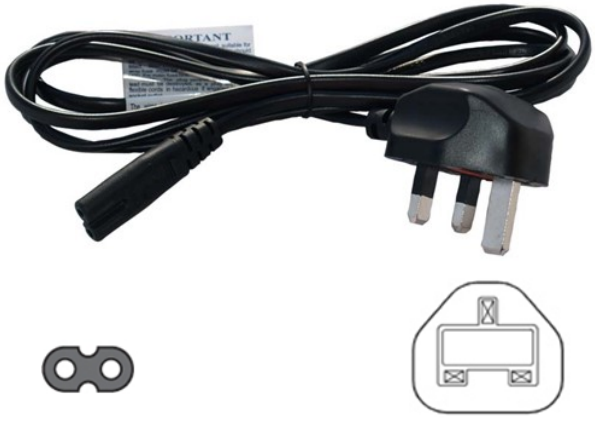
Length/cord		1.8m / 2x0.75mm2
Plug		SP-021A 2,5A/250V
Connector		IS-033 2,5A/250V
Rating		300/300V 70°C
Flex cord		H03VVH2-F
WEIGHT / PACKING	1pc	N.W.: 82 g / pc
	BOX	200 pcs / 1box
		G.W.: 17,3 kg / box
		0.55x0.36x0.20 [m]

Available also in white version

IEC320-C7 (UK)

Country of Origin	China
RoHS	yes
Application	For Class II. Appliances
Approvals	ASTA, Singapore, ENEC

Length/cord		1.8m / 2x0.75mm2
Plug		SP-62 5A/250V
Connector		IS-033 2,5A/250V
Fuse		5A
Rating		300/300V 70°C
Flex cord		H03VVH2-F
WEIGHT / PACKING	1pc	N.W.: 146 g / pc
	BOX	100 pcs / 1box
		G.W.: 14,6 kg / box
		0.55x0.36x0.20 [m]



IEC320-C7 (USA)

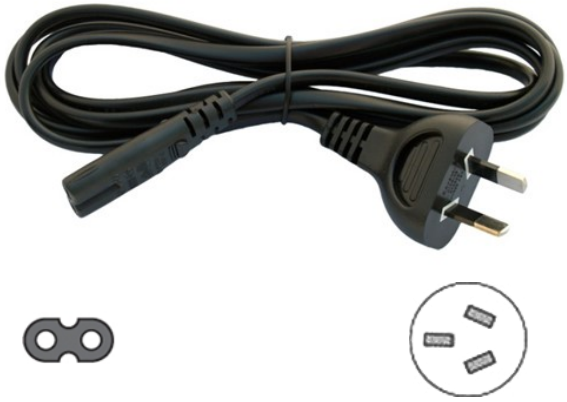
Country of Origin	China
RoHS	yes
Application	For Class II. Appliances
Approvals	UL, CSA

Length/cord		1.8m / 2x0.75mm2
Plug		SP-12N 7A/125V
Connector		IS-033 7A/125V
Rating		300V 105°C
Flex cord		SPT-1
WEIGHT / PACKING	1pc	N.W.: 71 g / pc
	BOX	200 pcs / 1box
		G.W.: 14,7 kg / box
		0.55x0.36x0.20 [m]

IEC320-C7 (Aus)

Country of Origin	China
RoHS	yes
Application	For Class II. Appliances
Approvals	SAA

Length/cord		1.8m / 2x0.75mm2
Plug		SP-501A 7,5A/250V
Connector		IS-033 2,5A/250V
Rating		300/300V 70°C
Flex cord		H03VVH2-F
WEIGHT / PACKING	1pc	N.W.: 92 g / pc
	BOX	125 pcs / 1box
		G.W.: 12,4 kg / box
		0.55x0.36x0.20 [m]



IEC320-C7 (Japan)

Country of Origin	China
RoHS	yes
Application	For Class II. Appliances
Approvals	PSE

Length/cord		1.8m / 2x0.75mm2
Plug		SP-18B 7A/125V
Connector		IS-033C 7A/125V
Rating		300V 60°C
Flex cord		VCTFK
WEIGHT / PACKING	1pc	N.W.: 104 g / pc
	BOX	150 pcs / 1box
		G.W.: 16,3 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (EU)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	CEBEC, KEMA, NF, OVE, VDE, IMQ, FI, S, D, N, ENEC, KC

Length/cord		1.8m / 3x0.75mm2
Plug		SP-022 16A/250V
Connector		IS-14 10A/250V
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 192 g / pc
	BOX	100 pcs / 1box
		G.W.: 18,9 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (UK)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	ASTA, Singapore, ENEC

Length/cord		1.8m / 3x0.75mm2
Plug		SP-62 5A/250V
Connector		IS-14 10A/250V
Fuse		5A
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 202 g / pc
	BOX	75 pcs / 1box
		G.W.: 15,9 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (USA)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	UL, CSA

Length/cord		1.8m / 3x0.75mm2
Plug		SP-305B 10A/125V
Connector		IS-14 10A/125V
Rating		300V 105°C
Flex cord		SVT
WEIGHT / PACKING	1pc	N.W.: 149 g / pc
	BOX	125 pcs / 1box
		G.W.: 20,2 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (Aus)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	SAA

Length/cord		1.8m / 3x0.75mm2
Plug		SP-502B 10A/250V
Connector		IS-14 10A/250V
Rating		250/440V 75°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 197 g / pc
	BOX	90 pcs / 1box
		G.W.: 17,6 kg / box
		0.55x0.36x0.20 [m]

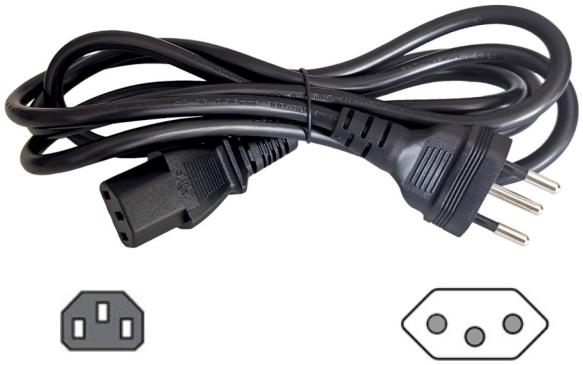
IEC320-C13 (Brazil)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	Inmetro, ENEC

Length/cord		1.8m / 3x0.75mm2
Plug		SP27A 10A/250V
Connector		IS-14 10A/250V
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 158 g / pc
	BOX	120 pcs / 1box
		G.W.: 18,8 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (Swiss)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	+S, ENEC



Length/cord		1.8m / 3x0.75mm2
Plug		SP-027C 10A/250V
Connector		IS-14 10A/250V
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 169 g / pc
	BOX	100 pcs / 1box
		G.W.: 17,4 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (China)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	CCC

Length/cord		1.8m / 3x0.75mm2
Plug		SP-506A 10A/250V
Connector		IS-14 10A/250V
Rating		300/500V 70°C
Flex cord		RVV
WEIGHT / PACKING	1pc	N.W.: 182 g / pc
	BOX	100 pcs / 1box
		G.W.: 19,3 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (Argentina)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	IRAM, ENEC

Length/cord		1.8m / 3x0.75mm2
Plug		SP-852 10A/250V
Connector		IS-14 10A/250V
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 179 g / pc
	BOX	100 pcs / 1box
		G.W.: 18,6 kg / box
		0.55x0.36x0.20 [m]

IEC320-C13 (Italy)

Country of Origin	China
RoHS	yes
Application	For Class I. Appliances
Approvals	IMQ, D, CEBEC, S FI, N, IMQ, NF, OVE, KEMA, +S, VDE

Length/cord		1.8m / 3x0.75mm2
Plug		SP-028 10A/250V
Connector		IS-14 10A/250V
Rating		300/500V 70°C
Flex cord		H05VV-F
WEIGHT / PACKING	1pc	N.W.: 158 g / pc
	BOX	100 pcs / 1box
		G.W.: 16,9 kg / box
		0.55x0.36x0.20 [m]

RoHS

Power cable (USB-C to USB-C) rc 1.5m white/silver E-mark IC, 100W 20V 5A/480Mbps

Operating Temperature	0 ÷ 45[°C]
Length / cable type	1.5m / 22#(65/0.08TC+500D)*2C+30# (11/0.08TC+250D)*4C+AL PVC Middle quilt knitted with 24 spindles plus chanting yarn
Maximum Load	100W
USB standard	USB2.0
Fast charge	PD/QC
Communication	30AWG/4C&22AWG/2C
Transmission speed	480Mbps
Weight	N.W.: 37g / pc
Packing bunch	Various [pcs] 10

Extension cable (USB-C to USB-C) rc 1.5m apple white

Operating Temperature	0 ÷ 45[°C]
Length / cable type	1.5 m / 2464 20AWG/20+28AWG/3C White PVC UL 0D 4.5mm
Maximum Load	60W
USB standard	USB2.0
Fast charge	PD/QC
Communication	26AWG
Transmission speed	480Mbps
Weight	N.W.: 57g / pc
Packing bunch	Various [pcs] 10

Extension cable (USB-C to USB-C) rc 1.5m black

Operating Temperature	0 ÷ 45[°C]
Length / cable type	1.5 m / 2464 20AWG/20+28AWG/3C Black PVC UL 0D 4.5mm
Maximum Load	60W
USB standard	USB2.0
Fast charge	PD/QC
Communication	26AWG
Transmission speed	480Mbps
Weight	N.W.: 57g / pc
Packing bunch	Various [pcs] 10

Extension cable (USB-A to USB-C) rc 1.5m

Operating Temperature	0 ÷ 45[°C]
Length / cable type	1.5 m / 0D 4.5/50 2464 20ANG/2C+28ANG/30 Black/IC inside
Maximum Load	60W
USB standard	USB2.0
Fast charge	QC
Communication	26AWG
Transmission speed	480Mbps
Weight	N.W.: 48g / pc
Packing bunch	Various [pcs] 10

RoHS

Extension cable (USB-A to micro USB) rc 1.4m

Operating Temperature	0 ÷ 45[°C]
Length / cable type	1.4m / 20AWG – round cable
Maximum Load	60W
USB standard	USB2.0
Fast charge	N/A
Communication	26AWG
Transmission speed	480Mbps
Weight	N.W.: 36g / pc
Packing bunch	Various [pcs] 10

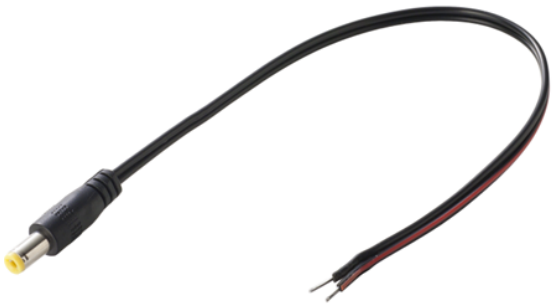
Extension cable (USB-A to mini USB) rc 1.4m black or 1.8m white

Operating Temperature	0 ÷ 45[°C]
Length / cable type	1,4m or 1,8m / 20AWG – round cable
Maximum Load	60W
USB standard	USB2.0
Fast charge	N/A
Communication	26AWG
Transmission speed	480Mbps
Weight	N.W.: 37g / pc
Packing bunch	Various [pcs] 10

RoHS

Extension cable Plug (2.1x5.5x11-S to S/T) 2wc 0.2m
Extension cable Plug (2.5x5.5x11-S to S/T) 2wc 0.2m

Country of Origin	China
Operating Temperature	0 ÷ 40[°C]
Cable type	20AWG - 2wc
DC Connector	2.1x5.5x11 with center springs
	2.5x5.5x11 with center springs
Max. load	5A
Weight	N.W.: 6g / pc
Packing bunch	Various [pcs] 50



Extension cable Plug (2.1x5.5x11 to S/T) 2wc 0.8m
Extension cable Plug (2.5x5.5x11-S to S/T) 2wc 0.8m

Country of Origin	China
Operating Temperature	0 ÷ 40[°C]
Cable type	20AWG - 2wc
DC Connector	2.1x5.5x11 with center springs
	2.5x5.5x11 with center springs
Max. load	5A
Weight	N.W.: 16g / pc
Packing bunch	Various [pcs] 20

Extension cable Plug (2.1x5.5x11 to S/T) 2wc 1.5m

Country of Origin	China
Operating Temperature	0 ÷ 40[°C]
Cable type	20AWG - 2wc
DC Connector	2.1x5.5x11 with center springs
Max. load	5A
Weight	N.W.: 27g / pc
Packing bunch	Various [pcs] 10

Extension cable Plug (2.1x5.5x11-S to S/T) 2wc 2.0m

Country of Origin	China
Operating Temperature	0 ÷ 40[°C]
Cable type	20AWG - 2wc
DC Connector	2.1x5.5x11 with center springs
Max. load	5A
Weight	N.W.: 50g / pc
Packing bunch	Various [pcs] 10

Extension cable **Plug to S/T**

RoHS

Extension cable Plug (2.1x5.5x11 to S/T) rc 3.0m

Country of Origin	China
Operating Temperature	0 ÷ 70[°C]
Cable type	20AWG - 3.9/2RC
DC Connector	2.1x5.5x11 with center springs
Max. load	5A
Weight	N.W.: 81g / pc
Packing bunch	Various [pcs] 5

Extension cable Plug (2.1x5.5x11 to S/T) rc 4.0m

Country of Origin	China
Operating Temperature	0 ÷ 40[°C]
Cable type	20AWG - 3.9/2RC
DC Connector	2.1x5.5x11 with center springs
Max. load	5A
Weight	N.W.: 105g / pc
Packing bunch	Various [pcs] 5

Extension cable **Plug and Plug**

RoHS

Extension cable Plug and Plug (2.1x5.5x11) rc 0.5m

Country of Origin	China
Operating Temperature	0 ÷ 70[°C]
Cable type	20AWG - RC
Maximum Load	5A max.
DC Connector types	Plug 2.1x5.5x11 with center springs
Weight	N.W.: 21g / pc
Packing bunch	Various [pcs] 150

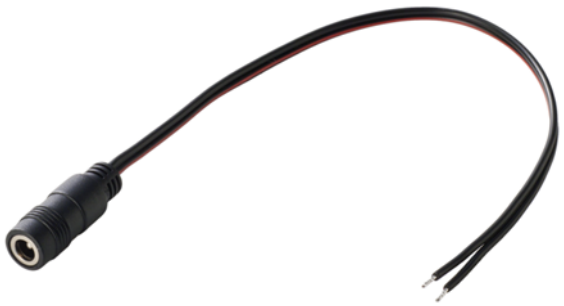
Extension cable Plug and Plug (2.1x5.5x11) rc 1.0m

Country of Origin	China
Operating Temperature	0 ÷ 70[°C]
Length / cable type	20AWG - RC
Maximum Load	5A max.
DC Connector types	Plug 2.1x5.5x11 with center springs
Weight	N.W.: 34g / pc
Packing bunch	Various [pcs] 20

RoHS

Extension cable Jack (2.1x5.5x11-S to S/T) 2wc 0.2m
Extension cable Jack (2.5x5.5x11-S to S/T) 2wc 0.2m

Country of Origin	China
Operating Temperature	0 ÷ 40[°C]
Cable type	20AWG - 2wc
DC Connector	2.1x5.5x11
	2.5x5.5x11
Max. load	5A
Weight	N.W.: 10g / pc
Packing bunch	Various [pcs] 50



Extension cable Jack (2.1x5.5x11-S to S/T) 2wc 0.8m

Country of Origin	China
Operating Temperature	0 ÷ 40[°C]
Cable type	20AWG - 2wc
DC Connector	2.1x5.5x11
Max. load	5A
Weight	N.W.: 19g / pc
Packing bunch	Various [pcs] 100

Extension cable Jack (2.1x5.5x11-S to S/T) rc 2.0m
Extension cable Jack (2.1x5.5x11-S to S/T) 2wc 2.0m

Country of Origin	China
Operating Temperature	0 ÷ 70[°C]
Cable type	20AWG - 2RC or 2wc
DC Connector	2.1x5.5x11
Max. load	5A
Weight	N.W.: 57/38g / pc
Packing bunch	Various [pcs] 60/100

Extension cable Jack (2.1x5.5x11 to S/T) rc 4.0m

Country of Origin	China
Operating Temperature	0 ÷ 70[°C]
Cable type	20AWG - 2RC
DC Connector	2.1x5.5x11
Max. load	5A
Weight	N.W.: 112g / pc
Packing bunch	Various [pcs] 5

Extension cable *Jack and Plug*

RoHS

Extension cable Jack and Plug (2.1x5.5x11-S) rc 1.5m

Country of Origin	China
Operating Temperature	0 ÷ 70[°C]
Cable type	20AWG - 2RC
Maximum Load	5A max.
DC Connector types	Plug 2.1x5.5x11 with center springs & Jack 2.1x5.5x11
Weight	N.W.: 49g / pc
Packing bunch	Various [pcs] 10

Extension cable Jack and Plug (2.1x5.5x11-S) rc 4.0m

Country of Origin	China
Operating Temperature	0 ÷ 70[°C]
Cable type	20AWG - 2RC
Maximum Load	5A max.
DC Connector types	Plug 2.1x5.5x11 with center springs & Jack 2.1x5.5x11
Weight	N.W.: 112g / pc
Packing bunch	Various [pcs] 5

Extension cable *SWITCH*

RoHS

Extension cable Jack (2.1x5.5x11-S to S/T) rc 0.8m, switch

Switch material	RoHS PC UL94V-2
Operating Temperature	0 ÷ 80[°C]
Length / cable type	0.8m / 20AWG - 2468
Max. load	5A
DC Connector	2.1x5.5x11
Weight	N.W.: 36g / pc
Packing plastic bag	Various [pcs] 80

Cable Splitter

RoHS

Cable Splitter 1 Jack to 3 Plugs

Country of Origin	China
Applications	CCTV video extension cable, DC power splitter, and all CCTV accessories.
Cable type	20AWG VW-1 2464 round cable
DC Connector	(Jack 2.1x5.5x11 to 3 Plugs 2.1x5.5x11) 0.1m + 3x0.2m
Max. Load	5A
Weight	N.W.: 44g / pc
Packing plastic bag	100 pcs

Cable Splitter 1 Jack to 5 Plugs

Country of Origin	China
Applications	CCTV video extension cable, DC power splitter, and all CCTV accessories.
Cable type	20AWG VW-1 2464 round cable
DC Connector	(Jack 2.1x5.5x11 to 5 Plugs 2.1x5.5x11) 0.1m + 5x0.2m
Max. Load	5A
Weight	N.W.: 62g / pc
Packing plastic bag	90 pcs

Cable Splitter CHAIN

RoHS

Cable Splitter CHAIN 5

Country of Origin	China
Applications	CCTV video extension cable, DC power splitter, and all CCTV accessories.
Cable type	20AWG VW-1 2464 round cable
DC Connector	(Jack 2.1x5.5x11 to 5 Plugs 2.1x5.5x11) 5x0.18m
Max. Load	5A
Weight	N.W.: 54g / pc
Packing plastic bag	100 pcs

Reduction connectors

RoHS

Max loading current for all reductions is 5.4A

Reduction 2.1x5.5 Jack to 1.1x2.3 Plug (S)

Center springs : No

WEIGHT	1pc	N.W.: 4.0g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.400 kg

Reduction 2.1x5.5 Jack to 1.1x3.0 Plug (S)

Center springs : No

WEIGHT	1pc	N.W.: 4.0g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.400 kg

Reduction 2.1x5.5 Jack to 1.1x3.5 Plug (S)

Center springs : No

WEIGHT	1pc	N.W.: 4.0g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.400kg

Reduction 2.1x5.5 Jack to 1.3x3.5 Plug (S)

Center springs : No

WEIGHT	1pc	N.W.: 4.9g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.488 kg

Reduction 2.1x5.5 Jack to 1.5x5.5 Plug (S)

Center springs : No

WEIGHT	1pc	N.W.: 5.3g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.537 kg

Reduction 2.1x5.5 Jack to 1.7x4.0 Plug (S)

Center springs : Yes

WEIGHT	1pc	N.W.: 4.9g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.493 kg

Reduction 2.1x5.5 Jack to 1.7x4.8Plug (S)

Center springs : Yes

WEIGHT	1pc	N.W.: 5.2g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.516 kg

Reduction 2.1x5.5 Jack to 1.7x5.5 Plug (S)

Center springs : Yes

WEIGHT	1pc	N.W.: 5.4g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.536 kg

Reduction 2.1x5.5 Jack to 2.1x5.5 Plug (L) 90°

Center springs : Yes

WEIGHT	1pc	N.W.: 6.1g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.613 kg

Reduction 2.1x5.5 Jack to 2.5x5.5 Plug (S)

Center springs : Yes

WEIGHT	1pc	N.W.: 6g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.601 kg

Reduction 2.1x5.5 Jack to 2.5x5.5 Plug (L)

Center springs : Yes

WEIGHT	1pc	N.W.: 6.1g / pc
PACKING	Plastic bag	100pcs
		G.W.: 0.613 kg