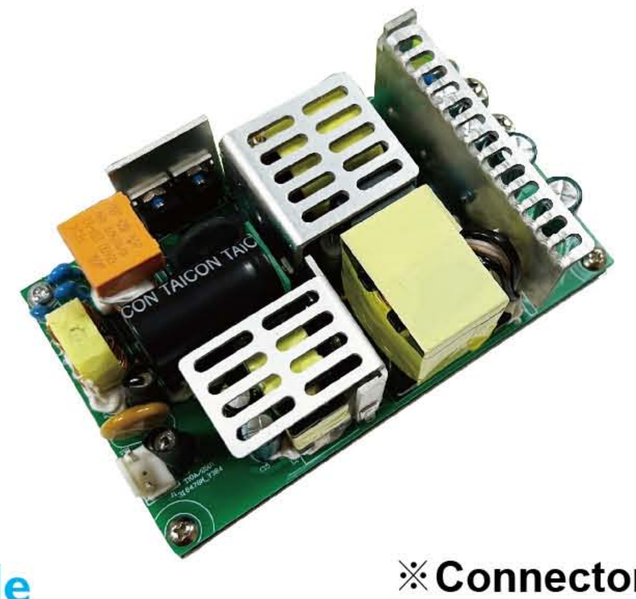
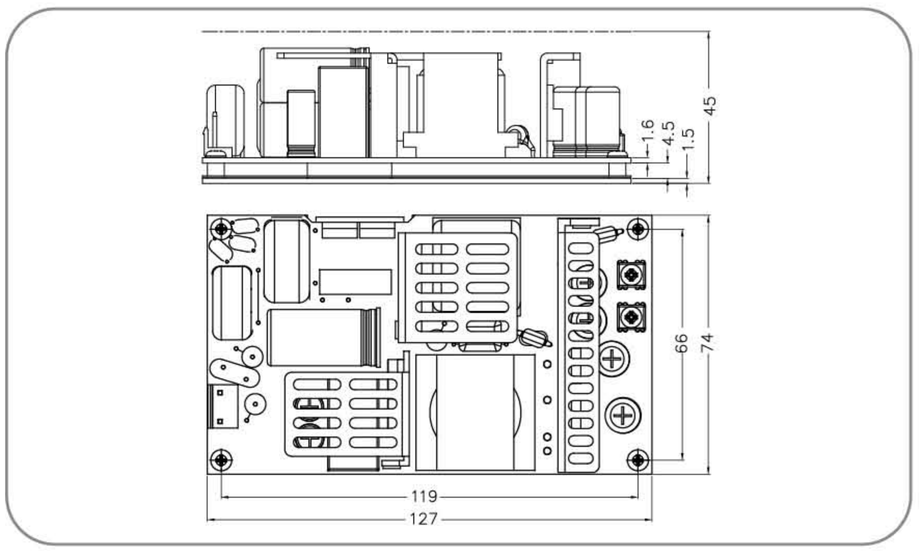
Open Frame SYS1667 Series Open 500W max





Green Mode

※Connector or Cable Type

Dimension	127x74x45mm	Efficiency level	VI.

CE

Specification

Model	Voltage DC [V]	Type of cooling	max. Load [A]	Output Power [W]	Line / Road regulation [%]	Ripple & Noise [mV] P-P	Efficiency [110VAC/230VAC full load %]	Maximum capacitive load at room temperature[uF]
SYS1667-E012	12	Natural wind blowing	25	300	±3	200	92	6000
	12	13 CFM	41.66	500	±3	200		
SYS1667-E015	15	Natural wind blowing	20	300	±3	200		5000
	15	13 CFM	33.33	500	±3	200		
SYS1667-E024	24	Natural wind blowing	12.5	300	±3	300	93	3200
	24	13 CFM	20.83	500	±3	300		
SYS1667-E036	36	Natural wind blowing	8.33	300	±3	360		2000
	36	13 CFM	13.88	500	±3	360		
SYS1667-E048	48	Natural wind blowing	6.25	300	±3	480		1000
	48	13 CFM	10.41	500	±3	480		
SYS1667-E054	54	Natural wind blowing	5.55	300	±3	540		1000
	54	13 CFM	9.25	500	±3	540		

OUTPUT	
Turn on delay	3000ms max.At AC low line input@output full load
Hold up time	10ms min.At 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)	1V dv max. At AC nominal input loading from 20% load to 80% load
	16ms t max Dynamic rise time 10us max, duty 40 ms max, Dynamic load step is slew rate of 0.5A/us
Burn in limit	Full load 2 Hours
INPUT	
Voltage	(90~264)VAC
Frequency	(47-63)Hz
Current	8.0A rms. At AC low line input and DC output full load
Inrush Surge Current (cold start)	100A max. At power supply cold start, ambient temperature 25℃@115VAC/230VAC nominal AC input
Power Factor	0.9 min at AC 115VAC/230VAC and DC output full load
Leakage current	3.5 mA max(Class I), 0.25mA max(Class II)
Power consumption	0.3W rms max. At AC nominal input@output min load
PROTECTION	
Over current protection /Output Short protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove, And output short circuit is defined as any output impedance of less than 0.1 ohms.
Over Voltage Protection	The power supply will be auto recovered when faults remove.
Input protection	F1:10A 250V Fuse.The power supply shall be protected against power line surge 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	Class II or Class I

OTHERS	
Dielectric Strength(Hi-pot)	Primary to Secondary:3000VAC 10mA/60S
M.T.B.F	50K hours full rated load operation at 25℃, according to the MIL-HDBK-217F
Cooling method	By natural air or 13 CFM
Temperature coefficient	<±0.5%/℃
ENVIRONMENT	
Temperature	Operating:(0~50)℃/ Storage:(-20~85)℃
Humidity	Operating:8%~90%RH Storage:5%~95% RH non-condensing
SAFETY & EMC STANDARD	
Meet EN55032,EN55035,FCC Part 15 Subpart B	
IEC62368-1:2014	
WEIGHT	
1pc	N.W: 410g / pc
	G.W: 12.5kg / box
PACKING	
PE plastic bag	30 pcs / 1 box

FEATURES

Open frame power supply,single output.

Wide range input(90~264)VAC/(47~63)Hz.

Overload over voltange & short protection.For I.T.E use only + RoHS conform.