

Country of Origin : China  
 Operating Temperature : 0~40 [°C]  
 Dimension : 175 x 74 x 42 [mm]  
 Suitable power cable : IEC320-C13  
 Efficiency level (ErP) : VI



Approvals / Marks :



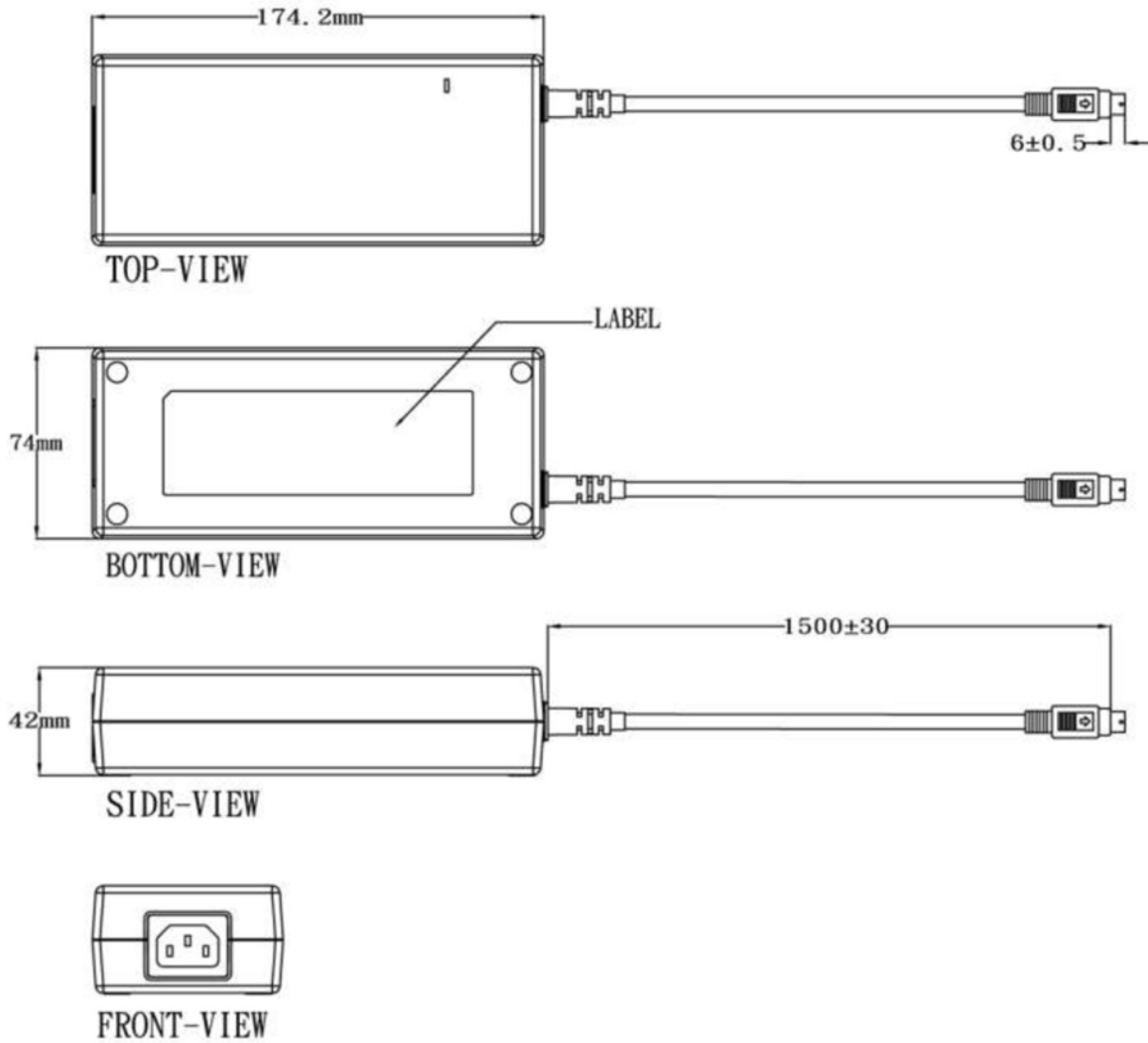
**Features:**

|  |  |
|--|--|
| Wide input range AC 100 V to 240 V / 50 Hz to 60 Hz                        | Single Output to 160W   Regulated Output with Low Ripple Noise |
| Meets Safety Agency Requirements and Complies EMI/EMS                      | Meets Energy Star Level V & ERP Stage 2 Compliance             |
| Choose from different input connectors: IEC320-C14 or IEC320-C6            | Modified and Custom Designs Available                          |
| Standard DC output connector: Mini-DIN-plug (4pin) or customer requirement |  |

**Specification:**

|                    | Model   | Voltage DC [V]  | Loading [A]   | Tolerance [%] | Max. Power [W] | Ripple & Noise [mV] p-p | Connector [mm]  |
|--------------------|---|---|---------------|---------------|----------------|-------------------------|-----------------|
|                    | <b>DRST-15012-T3</b>                            | <b>12</b>   | <b>0~12.5</b> | <b>±5</b>     | <b>150</b>     | <b>1%~2% x V</b>        | <b>4PIN DIN</b> |
|                    | <b>DRST-16019-T3</b>                            | <b>19</b>   | <b>0~8.40</b> | <b>±5</b>     | <b>160</b>     | -                       | -               |
|                    | <b>DRST-16024-T3</b>                            | <b>24</b>   | <b>0~6.60</b> | <b>±5</b>     | <b>160</b>     | -                       | -               |
|                    | <b>DRST-16048-T3</b>                            | <b>48</b>   | <b>0~3.30</b> | <b>±5</b>     | <b>160</b>     | -                       | -               |
|                    | <b>DRST-16056-T3</b>                            | <b>56</b>   | <b>0~2.90</b> | <b>±5</b>     | <b>160</b>     | -                       | -               |
| <b>INPUT</b>       | Voltage   | (100 ~ 240) VAC   |               |               |                |                         |                 |
|                    | Frequency                                       | (50 ~ 60) Hz  |               |               |                |                         |                 |
|                    | Current (rms max)                               | 2.2 A max.  |               |               |                |                         |                 |
|                    | Protection                                      | Internal Primary Current Fuse, Inrush Limiting  |               |               |                |                         |                 |
| <b>OUTPUT</b>      | 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                        |               |               |                |                         |                 |
| <b>OTHERS</b>      | Cooling   | Free air convection   |               |               |                |                         |                 |
|                    | Efficiency                                      | DoE Level VI • Energy Star • ErP Stage 2 • NRCan & GEMS Level VI Certified                          |               |               |                |                         |                 |
|                    | Holdup time                                     | 10 ms @ full load   |               |               |                |                         |                 |
|                    | Dielectric Withstand                            | 3000 VAC Primary – Secondary  |               |               |                |                         |                 |
|                    | MTBF Qualification                              | 300,000 calculated hours at 25 °C by telcordia SR-332   |               |               |                |                         |                 |
| <b>ENVIRONMENT</b> | Temperature                                     | Operating: (0 ~ 40)°C / Storage: (-20 ~ 80)°C   |               |               |                |                         |                 |
|                    | Humidity  | Operating: 20% ~ 80% RH / Storage: 10% ~ 90% RH non condensing                                      |               |               |                |                         |                 |
| <b>CONNECTION</b>  | Output  | Standard DC plug: Mini-DIN-plug (4pin) UL2464, 18AWG / 16AWG or customer requirement                |               |               |                |                         |                 |
|                    | Input   | IEC320-C14 / IEC320-C6 available  |               |               |                |                         |                 |
| <b>SAFETY</b>      | <b>CB   cULus   FCC   RCA   CE   PSE   BSMI</b> |   |               |               |                |                         |                 |
|                    | EMI   | EN 55022 Class B   EN 61000-3-2, -3   |               |               |                |                         |                 |
|                    | EMS   | Compliance to EN55022 Class B, EN61000-3-2,3   Compliance to IEC 61000-1-2, -3, -4, -5, -6, -8, -11 |               |               |                |                         |                 |
| <b>WEIGHT</b>      |   | N.W.: 700g /pc  |               |               |                |                         |                 |
| <b>PACKING</b>     | Box   | 0.39 x 0.47 x 0.29 [m]  |               |               |                |                         |                 |
|                    |   | 15 pcs / 1box   G.W.: 12kg/box  |               |               |                |                         |                 |

**Mechanical case specification:**



**Cable specification:**

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

