

Country of Origin : China
 Operating Temperature : 0~40 [°C]
 Dimension : 168 x 66 x 39 [mm]
 Suitable power cable : IEC320-C13
 Efficiency level (ErP) : VI



Approvals / Marks :



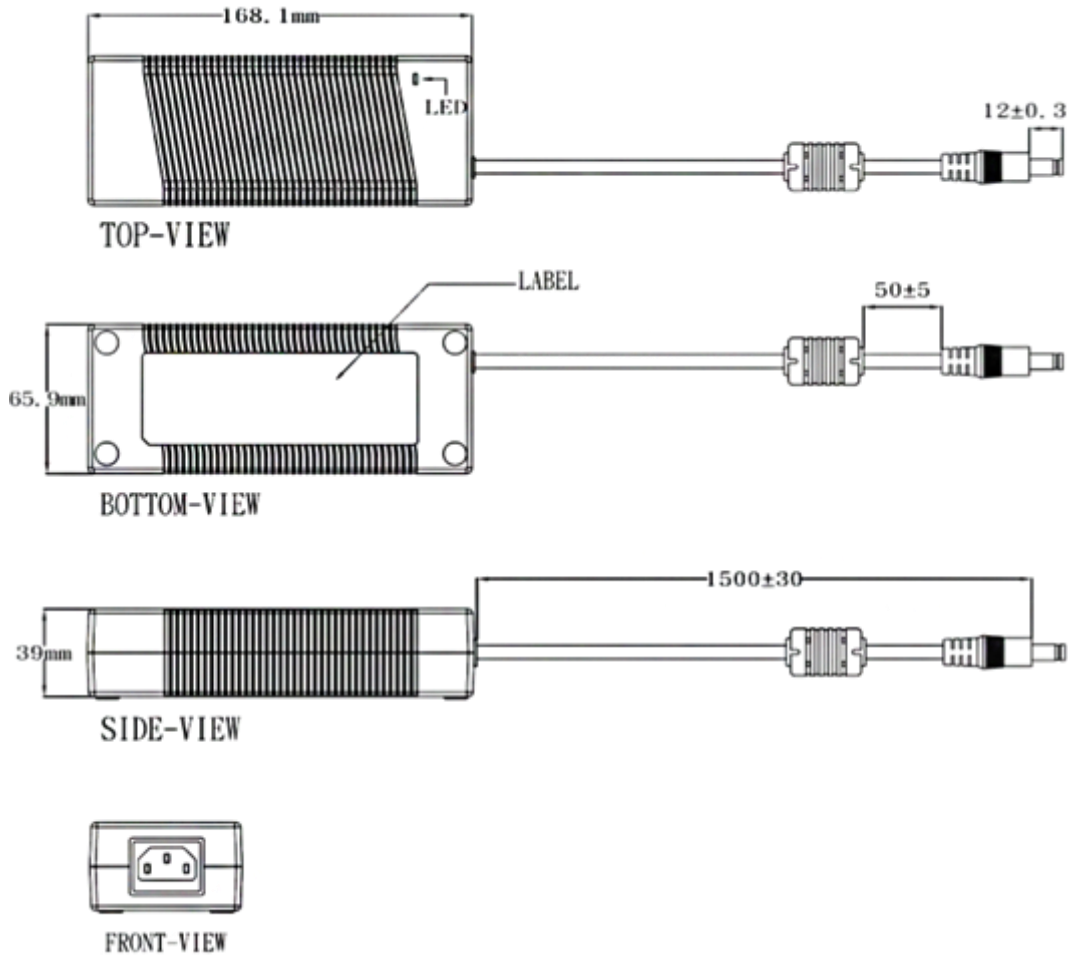
Features:

Regulated Output with Low Ripple Noise | Universal range 100 - 240VAC / 50~63Hz
 Meet CEC, Energy Star & ERP Regulations No Load Power Consumption Less Than 0.5W
 Over Voltage, Short Circuit & Over Current Protection
 Leakage Current less than 3.5mA
 I.T.E. Power Supply + RoHS conform.

Specification:

| | Model | Voltage DC [V] | Loading [A] | Tolerance [%] | Max. Power [W] | Ripple & Noise [mV] p-p | Connector Barrel Type [mm] |
|----------------------|--|---|-------------|---------------|----------------|-------------------------|----------------------------|
| | DRST-10812-T3 | 12 | 0~9.0 | ±5 | 108 | - | 2.1x5.5x11 |
| | DRST-12015-T3 | 15 | 0~5.0 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12016-T3 | 16 | 0~7.5 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12018-T3 | 18 | 0~6.6 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12019-T3 | 19 | 0~6.3 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12020-T3 | 20 | 0~6.0 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12024-T3 | 24 | 0~5.0 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12030-T3 | 30 | 0~4.0 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12048-T3 | 48 | 0~2.5 | ±5 | 120 | - | 2.1x5.5x11 |
| | DRST-12056-T3 | 56 | 0~2.15 | ±5 | 120 | - | 2.1x5.5x11 |
| INPUT | Voltage | (100 ~ 240) VAC | | | | | |
| | Frequency | (50 ~ 60) Hz | | | | | |
| | Current (rms max) | 1.6 A max. | | | | | |
| | Protection | Internal Primary Current Fuse, Inrush Limiting | | | | | |
| | Load Regulation | ± 5 % (typical) | | | | | |
| OUTPUT | 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 ~ 40)°C / Storage: (-20 ~ 80)°C | | | | | |
| | Humidity | Operating: 20% ~ 80% RH / Storage: 10% ~ 90% RH non condensing | | | | | |
| CONNECTION | Output | Plug: standard 5.5 x 2.1 x 11mm (spring loaded center) or customer requirement / Cable: 180cm (6ft.) | | | | | |
| | Input | IEC320-C6 / IEC320-C8 / IEC320-C14 available | | | | | |
| SAFETY | CB cULus FCC RCM CE PSE BSMI | | | | | | |
| | EMI | EN 55022 Class B EN 61000-3-2, -3 | | | | | |
| | EMS | Compliance to IEC 61000-1-2, -3, -4, -5, -6, -8, -11 | | | | | |
| WEIGHT | | N.W.: 590g /pc | | | | | |
| | | 0.42 x 0.35 x 0.24 [m] | | | | | |
| PACKING | Box | 24pcs / 1box | | | | | |
| | | G.W.: 16.3 kg/box | | | | | |

Mechanical case and cable specification:



**Cable Type : Black UL1185 AWG16
(Wire + Plug)**

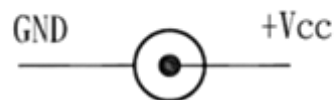
**Plug : $\phi 5.5 \times \phi 2.1 \times 12\text{mm}$
(Cannelure)**

Cable Length : 1500mm

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

Material Flammability : UL 94V-0

External Apperance : As drawing below (Scale \rightarrow mm)



Output Cable Plug Pin Assignment

