**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):**

**Approvals / Marks:**

**Certified also for:** A. V. application

### 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:

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<td>12</td>
<td>0~2.50</td>
<td>±5</td>
<td>3.0~8.0</td>
<td>16</td>
<td>&gt;83.5</td>
<td>30</td>
<td>120</td>
<td>2.1x5.5x11</td>
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<td>0~2.00</td>
<td>±5</td>
<td>2.5~6.5</td>
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<td>180</td>
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<td>±5</td>
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<td>&gt;84.0</td>
<td>30</td>
<td>240</td>
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**ErP V.**

**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
- **Dielectric Strength** IP-DP (FG): 3KVAC / 10mA / 1 min
- **Power ON Led** Yes
- **Turn on delay** 5000ms max. @ AC low line input @ output full load
- **Hold-up Time** 10ms @ AC nominal Input and Output full load
- **MTBF Qualification** 50K hours full rated load operation at 25°C, according to the MIL-HDBK-217F.
- **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. 0.3Watts @ 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**


**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:**

![Mechanical case diagram](image)

1. TOP
2. BOTTOM
3. Socket

**Cable specification:**

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

![Cable diagram](image)