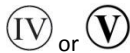


Country of Origin : China
 Operating Temperature : 0 ~ 40 [°C]
 Dimension : 86.8 x 47.3 x 32.3 [mm]
 Suitable AC cable: IEC320-C13

Approvals / Marks :



Efficiency level (ErP) :



Certified also for : A.V. application



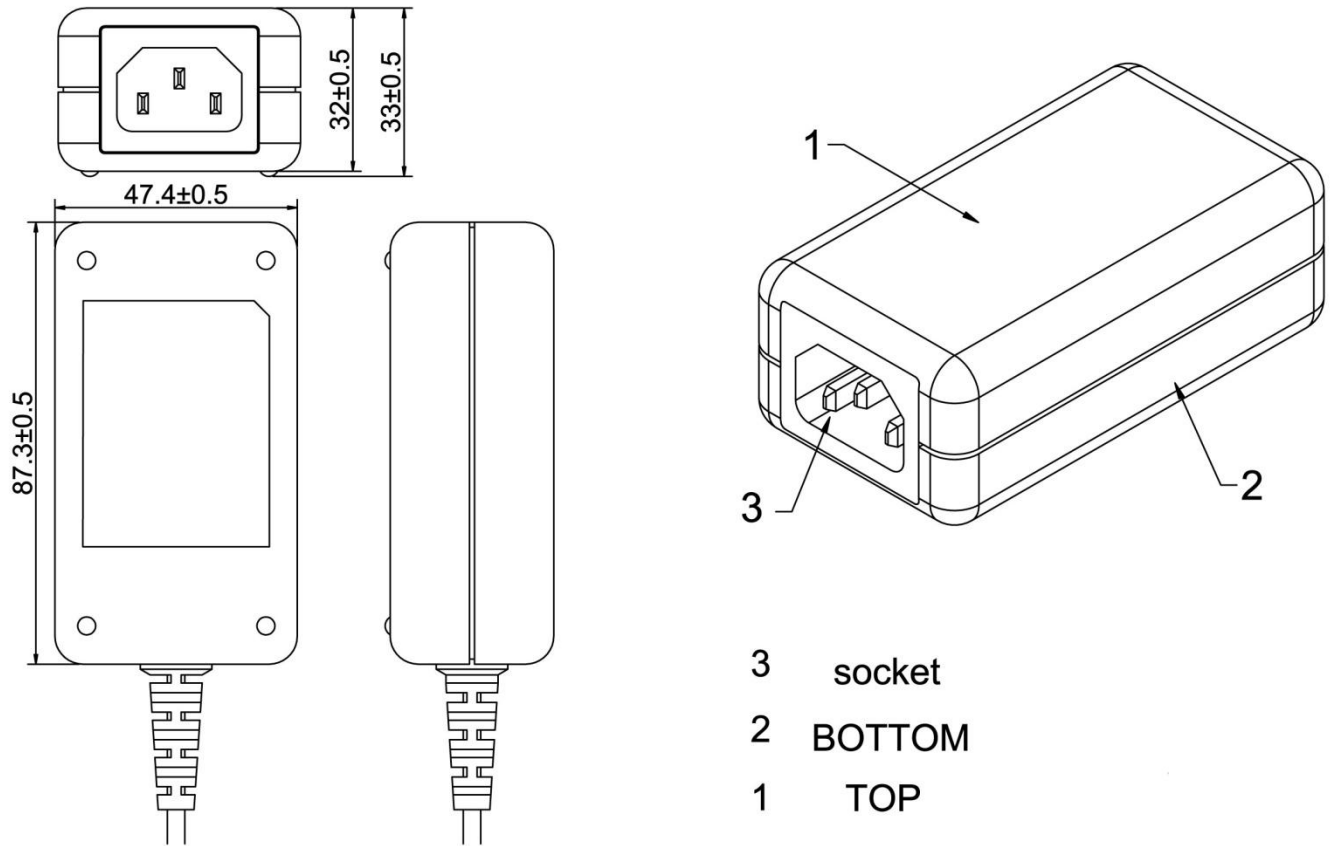
Features:

| | |
|---|--|
| 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:

| | | OUTPUT | | | | | | | | |
|-------------------|--|--|-------------------------|-----------|----------------|-------------|-----------------|----------------|------------------------|----------------------------|
| | Model | Voltage DC [V] | Loading [A] | Tol. [%] | OCP [A] | OVP [V] max | Efficiency [%] | Max. Power [W] | Ripple & Noise [mV]p-p | Connector UL approved [mm] |
| ErP IV. | SYS1319-2709-T3 | 9 | 0~3.00 | ±5 | 3.5~6.5 | 16 | - | 27 | 90 | 2.1x5.5x11 |
| 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 | II. | | | | | | | | |
| 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 | 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. 0.3Wrms @ 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 UL cUL C-TICK SAA PSE BSMI KC T-License CCC | | | | | | | | | |
| EMC | EMI | EN 55022 Class B (2006)+ A1(2007) EN 61000-3-2 (2006) + A1(2009) + A2 Class A(2009)/EN 61000-3-3 (2008) | | | | | | | | |
| | EMS | EN55024(1998)+A1(2001)+A2(2003) IEC 61000-4-2 (2008) IEC 61000-4-3 (2006) + A1(2007) + A2(2010) IEC 61000-4-4 (2004) + A1(2010) IEC 61000-4-5 (2005) IEC 61000-4-6 (2008) IEC 61000-4-8 (2009) IEC 61000-4-11 (2004) | | | | | | | | |
| WEIGHT | 1pc | N.W.: 200g / pc | | | | | | | | |
| PACKING | Box | 0.48 x 0.26 x 0.44 [m] | | | | | | | | |
| | | 60 pcs / 1box G.W.: 15kg / box | | | | | | | | |

Mechanical case specification:



Cable specification:

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

