

Country of Origin : China
 Operating Temperature : 0~40 [°C]
 Dimension : 75 x 34 x 43 [mm]
 Efficiency level (ErP) :
 Approvals / Marks :



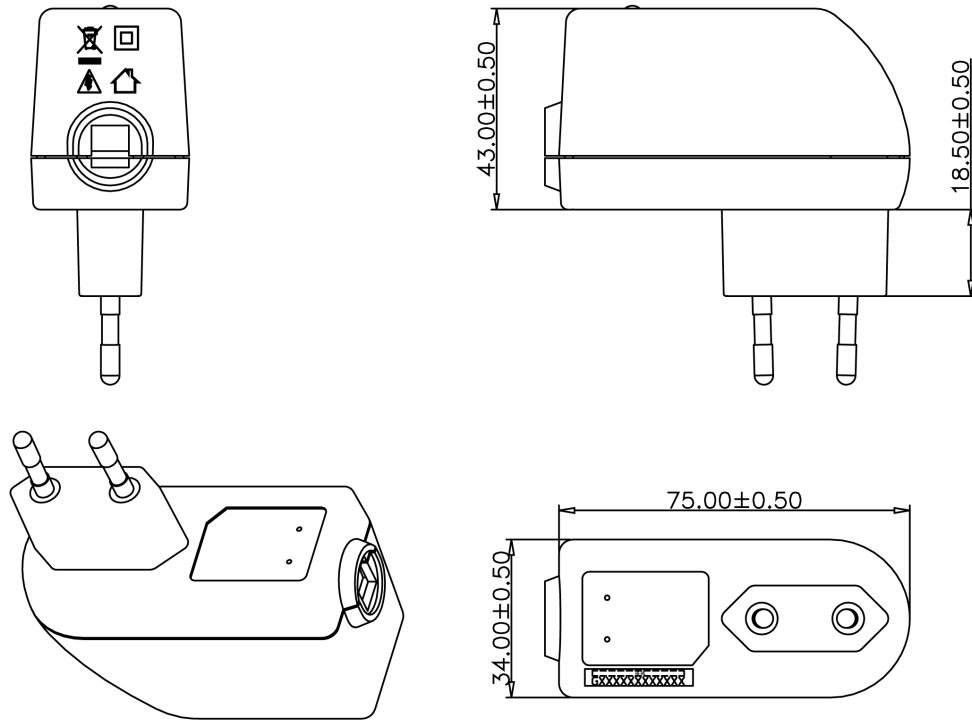
Features:

| | |
|---|---|
| PWMIC electrical design. | For I.T.E. use only + RoHS conform. |
| Wide range Input (90 ~ 264) VAC / (47 ~ 63) Hz. | Over load, over voltage & short protection. |
| Output connector: standard: 2.1x5.5x11 or customer requirement. | |
| Available in versions: W2E(EU), W2(USA), W3U(UK), W2A (Australia), W2K(Korea), W2C (China). | |

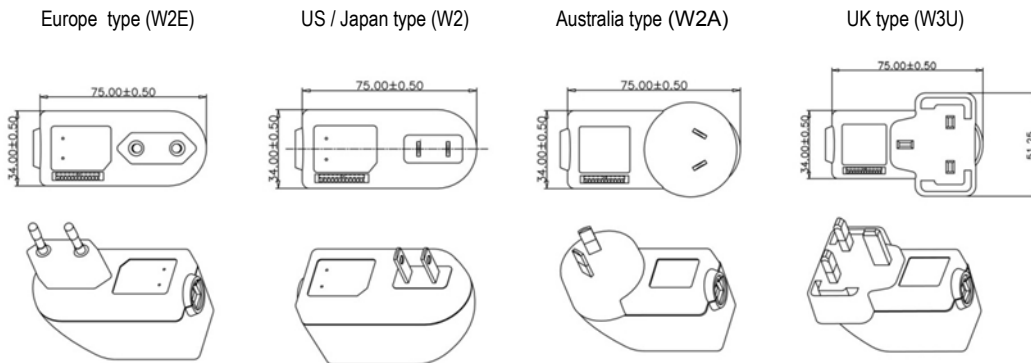
Specification:

| | Model | Voltage DC [V] | Loading [A] | Tol. [%] | OCP [A] | OVP max [V] | Efficiency [%] | Max. Power [W] | Ripple & Noise [mV] p-p | Connector UL Approved [mm] |
|---|---|--|---|----------|---------|-------------|----------------|----------------|-------------------------|----------------------------|
| ErP V. | SYS1308-1808-Wxx | 7.5 | 0~2.40 | ±5 | 3.0~5.5 | 16 | >77.6 | 18 | 100 | 2.1x5.5x11 |
| | SYS1308-1809-Wxx | 9 | 0~2.00 | ±5 | 2.5~4.5 | 16 | >77.6 | 18 | 100 | 2.1x5.5x11 |
| | SYS1308-2412-Wxx | 12 | 0~2.00 | ±5 | 3.5~5.5 | 16 | >82 | 24 | 120 | 2.1x5.5x11 |
| | SYS1308-2415-Wxx | 15 | 0~1.60 | ±5 | 2.0~4.0 | 25 | >82 | 24 | 150 | 2.1x5.5x11 |
| | SYS1308-2418-Wxx | 18 | 0~1.33 | ±5 | 2.0~4.0 | 25 | >82 | 24 | 180 | 2.1x5.5x11 |
| | SYS1308-2424-Wxx | 24 | 0~1.00 | ±5 | 1.5~4.5 | 28 | >82 | 24 | 240 | 2.1x5.5x11 |
| ErP V. / CE only | SYS1308-2448-Wxx | 48 | 0~0.50 | ±5 | 0.6~2.2 | 90 | >82.1 | 24 | 480 | 2.1x5.5x11 |
| Wxx | Possible to order with | Wxx = W2E - Europe W2 - USA,Canada,Japan W3U - UK W2A - Australia W2K - Korea W2C - China | | | | | | | | |
| OEM Production | This model is certified for Uout=(3,5,6,7,5,9,12,15,18,24,48)V and Pout=in steps(9,15,18,24)W | | | | | | | | | |
| INPUT | Voltage | (90 ~ 264)VAC | | | | | | | | |
| | Frequency | (47 ~ 63)Hz | | | | | | | | |
| | Current | 1A rms@ AC low line input and DC output full load | | | | | | | | |
| | Inrush Surge Current (cold start) | 40/60Amax. @ power supply cold start, ambient temperature 25°C @115Vac/230Vac nominal AC input. | | | | | | | | |
| | Leakage current | <0.25 mA @ 240VAC input | | | | | | | | |
| PROTECTION | Over load | OCP | Fold back | | | | | | | |
| | Over Voltage | OVP | 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 | HI-POT B / I/P-O/P (FG): 3KVAC / 10mA / 1 minute | | | | | | | | |
| | Set up time | 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 (Normal) | >77.6% min. @ 240VAC input & Full load | | | | | | | | |
| | Efficiency level | V | | | | | | | | |
| | Power Consumption | Max. 0.3W @ AC nominal Input and Output min. load – ERP IV. / ERP V has <0.3W | | | | | | | | |
| | Input Fuse | 1A 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 cULus FCC T-Licence C-Tick DOFT BSMI PSE VCCI CCC PSB KC | | | | | | | | | | |
| 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.: 150g / pc | | | | | | | | |
| | | 0.48 x 0.26 x 0.44 [m] | | | | | | | | |
| PACKING | Box | 80pcs / 1box | | | | | | | | |
| | | G.W.: 16.8kg / box | | | | | | | | |

Mechanical case specification:



Mechanical specification (country housing):



Cable specification:

1185#20*1C + shield / 6FT (1830mm)

