

Country of Origin : China

Efficiency level (ErP) : VI

**GREEN MODE**

**RoHS**



## Specifications

| Model           | Voltage DC [V] | Loading [A] | Max. Power [W] | Ripple / Noise [mV] p-p | Connector [mm] |
|-----------------|----------------|-------------|----------------|-------------------------|----------------|
| SYS1588-2005-T2 | 5.1            | 0~4         | 20.4           | 120                     | 2.1x5.5x11     |
| SYS1588-2709-T2 | 9              | 0~3         | 27             | 120                     | 2.1x5.5x11     |
| SYS1588-3012-T2 | 12             | 0~2.5       | 30             | 200                     | 2.1x5.5x11     |
| SYS1588-3015-T2 | 15             | 0~2.0       | 30             | 200                     | 2.1x5.5x11     |
| SYS1588-3018-T2 | 18             | 0~1.66      | 30             | 240                     | 2.1x5.5x11     |
| SYS1588-3024-T2 | 24             | 0~1.25      | 30             | 240                     | 2.1x5.5x11     |
| SYS1588-3048-T2 | 48             | 0~0.63      | 30             | 400                     | 2.1x5.5x11     |

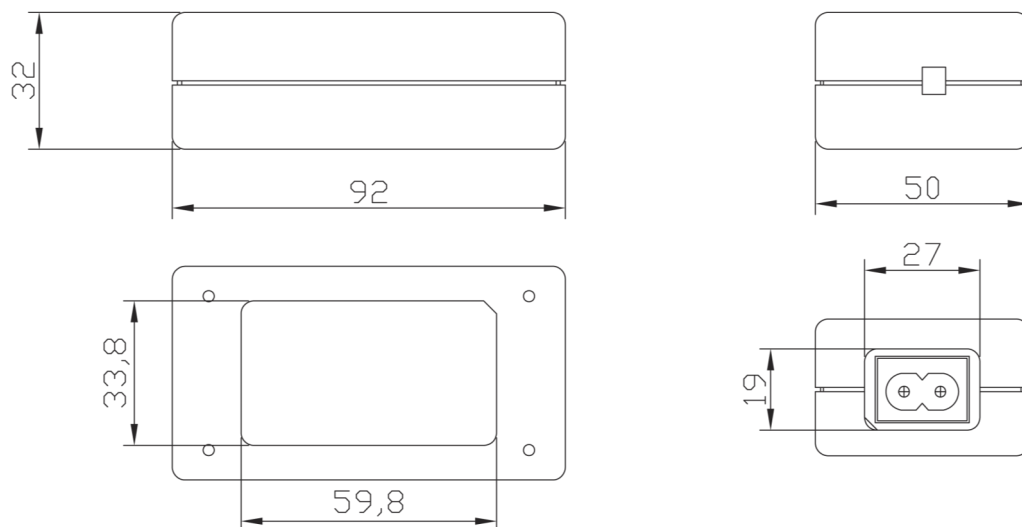
## Features:

Available in inlet version: C7 (T2)

Output connector: standard: 2.1 x 5.5 x 11mm or customer requirement | Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified  
Private Label Marking Available | Modified and Custom Design Available | 2 Years Warranty

|                |                               |                                                                                                                     |
|----------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------|
| INPUT   OUTPUT | Voltage                       | 90-264VAC                                                                                                           |
|                | Current                       | 1.5A max   At 100VAC & 240VAC@full load                                                                             |
|                | Inrush Current                | 40/60A max   At cold start, ambient temperature 25°C nominal AC input 100VAC/240VAC                                 |
|                | Power consumption             | 0.1W max. with output no load at 115VAC/230VAC input                                                                |
|                | Efficiency                    | Meet ERP level VI                                                                                                   |
|                | Hold up time                  | 8mS min   At AC nominal input @ output full load                                                                    |
|                | Turn delay                    | 5000mS max.   At AC low line input @ output full load.                                                              |
|                | Ripple noise                  | 200mV                                                                                                               |
|                | Burn-in                       | 220VAC 80% Load (Ref) 4hours & 40°C +/- 5                                                                           |
| PROTECTION     | Over current Short protection | Automatic recovery                                                                                                  |
|                | Over Voltage                  | The power supply shall be self-recovering when the fault condition is removed                                       |
|                | Input protection              | The switching adaptor use 2.0A fuse.                                                                                |
|                | Protection class              | Class II                                                                                                            |
| SAFETY         | CE EMC                        | 2014/30/EU                                                                                                          |
|                | CE LVD                        | 2014/35/EU<br>EN 62368                                                                                              |
|                | Safety approvals              | cTUVus   FCC   GS   CE   CB   RCM   SAA   PSE   EAC   LVD   UKCA   CCC                                              |
|                | Dielectric Strength (Hi-pot)  | AC3000V, 10.0mA, 1 minute for type test                                                                             |
|                | Leakage current               | 5 mA max.                                                                                                           |
| ENVIRONMENTAL  | Temperature                   | Operating: 0~40°C / Storage: -20~50°C                                                                               |
|                | Humidity                      | Operating: 0%~90%RH / Storage: 0%~90% RH                                                                            |
|                | Cooling                       | The power supply will operate with convection cooling. Blocking of vents must not cause damage to the power supply. |
| OTHER          | MTBF                          | MTBF shall be least 50,000 hours at 25°C (MIL-HDBK-217F)                                                            |
|                | Weight                        | 158g                                                                                                                |
|                | Dimension                     | 93x50x33 mm                                                                                                         |
|                | Packing                       | 50 pcs   1 box                                                                                                      |

**Mechanical case specification:**



**Cable specification:**

1185# 20AWG / 6FT (1830mm) for 15V

1185# 20AWG / 4.5FT (1370mm) for 15V

"-" → "⊙" ← "+"

