

Country of Origin : China  
 Operating Temperature : 0-40 [°C]  
 Dimension : 169 x 61 x 39 [mm]  
 Efficiency level (ErP) : VI



Approvals / Marks :



**Specifications**

| Model            | Voltage DC [V] | Loading [A] | Max. Power [W] | Ripple / Noise [mV] p-p | Connector [mm] |
|------------------|----------------|-------------|----------------|-------------------------|----------------|
| SYS1576-12012-M3 | 12             | 0~10.0      | 120            | 200                     | 2.1x5.5x11     |
| SYS1576-12015-M3 | 15             | 0~8.0       | 120            | 200                     | 2.1x5.5x11     |
| SYS1576-12018-M3 | 18             | 0~6.66      | 120            | 200                     | 2.1x5.5x11     |
| SYS1576-12019-M3 | 19             | 0~6.31      | 120            | 200                     | 2.1x5.5x11     |
| SYS1576-12020-M3 | 20             | 0~6.0       | 120            | 200                     | 2.1x5.5x11     |
| SYS1576-12024-M3 | 24             | 0~5.0       | 120            | 240                     | 2.1x5.5x11     |
| SYS1576-13036-M3 | 36             | 0~3.6       | 130            | 360                     | 2.1x5.5x11     |
| SYS1576-13048-M3 | 48             | 0~2.7       | 130            | 480                     | 2.1x5.5x11     |
| SYS1576-13054-M3 | 54             | 0~2.4       | 130            | 540                     | 2.1x5.5x11     |

**Features:**

Available in inlet version: C5 (M3)  
 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

| OUTPUT                            |   | CE  |  |
|-----------------------------------|---|---|--|
| Turn delay                        | 7000ms max@AC low line input@output full load   | EMC   | 2014/30/EU   |
| Hold up time                      | 5ms min@AC nominal input@output full load (>half cycle)   | LVD   | 2014/35/EU<br>EN 60950-1:2006+A11+A1+A12+A2              |
| Efficiency (Normal)               | Meet CEC,DOE,ERP,MEPS Level VI@115v/60HZ,230V/50HZ  | <b>SAFETY</b>                                   |  |
| Transient response (dv,tmax)      | 1.2V dv max At AC nominal input loading from 20%load to 80% load  | UL   GS   CB   CE   FCC   SAA   RCM   T-licence |  |
|                                   | Dynamic rise time 10 us max,duty 40ms max,Dynamic load step is slew rate of 0.5A/us   | <b>OTHERS</b>                                   |  |
| Power out.Limit                   | Peak 150w   | Dielectric Strength                             | Primary to Secondary:1500VAC 10mA/60S                    |
| Burn in limit                     | Full load 2 Hours   | M.T.B.F   | 500,000 Calculated Hours at 25°C, by Telcordia SR-332    |
| Power consumption                 | Less than 0.21W ms max. At AC nominal input@output min load   | Cable Length                                    | 1500mm (5 feet) standard cable or as required            |
| INPUT                             |   | PLD (power line disturb-ance)                   | Line power surge   Line voltage SAG-more info on request |
| Voltage                           | (90~264)VAC   | Cooling method                                  | Natural Convection Cooling                               |
| Frequency                         | (47~63)hz   | Housing material                                | PC or PPO  |
| Current                           | 4A rms@AC low line input and DC output full load  | Temperature coefficient:                        | <±0.5%/°C  |
| Inrush Surge Current (cold start) | 120A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input   | ENVIRONMENT                                     |  |
| leakage current                   | 3.5mA max   | Temperature                                     | Operating: 0~40°C / Storage: -20~85°C                    |
| PROTECTION                        |   | Humidity  | Operating: 8%~90%RH / Storage: 5%~95% RH non condensing  |
| Over current/ Short protection    | The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms. | WEIGHT  |  |
| Over Voltage                      | The power supply will be auto recovered when faults remove  | NW: 540 g/pc (estimated)                        |  |
| Input protection                  | F1:6.3A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition  | GW: 15.5 kg/box (estimated)                     |  |
| No Load protection                | The power supply is provided with no load operation to prevent the power supply and system from damage.   | PACKING   |  |
| Protection class                  | I, (ITU-T K.21 Surge 6KV on request)  | 25 pcs/1 box                                    |  |