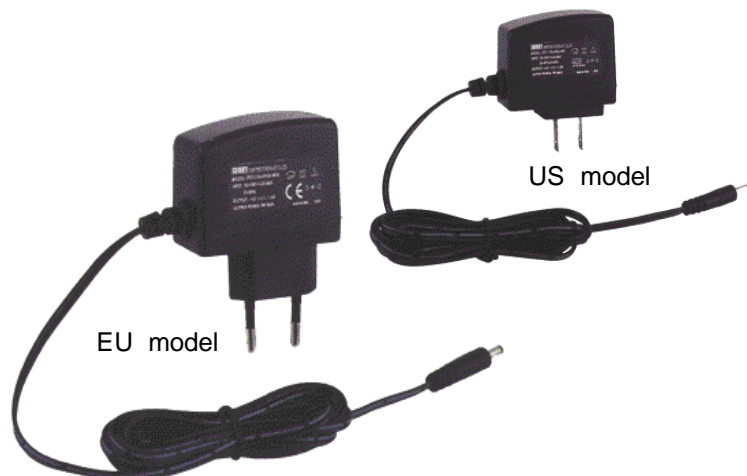


Country of Origin : China

Operating Temperature : 0 ~ 40° C

Dimension : 55 x 42 x 28 mm

Approvals / Marks : EU: TÜV, CE, CB  
US: c-UL, CE

**Features:**

Available as European or US model

Wide range 90~264VAC / 47~63Hz

Output connector: standard: 5.5 x 2.1 x 9.5mm or customer requirement

Overload, Over Voltage &amp; Short Circuit protection

1 year warranty

**Specification:**

|             |                   | OUTPUT  |           |           |           |             |            |            |    |
|-------------|-------------------|---|-----------|-----------|-----------|-------------|------------|------------|----|
| OUTPUT      | MODEL             | Voltage   | min. Load | max. Load | Tolerance | Ripple & N. | Efficiency | Max. Power |    |
|             |                   | <b>SYS1196-0504</b>   | 4V        | 0A        | 1.25A     | ±5%         | 1%         | 70% min.   | 5W |
|             |                   | <b>SYS1196-0605</b>   | 5V        | 0A        | 1.2A      | ±5%         | 1%         | 70% min.   | 6W |
|             |                   | <b>SYS1196-0612</b>   | 12V       | 0A        | 0.5A      | ±5%         | 1%         | 70% min.   | 6W |
|             |                   |   |           |           |           |             |            |            |    |
| INPUT       | Voltage           | 90 ~ 264VAC   |           |           |           |             |            |            |    |
|             | Frequency         | 47 ~ 63Hz   |           |           |           |             |            |            |    |
|             | Current           | 0.3A @ 230VAC   |           |           |           |             |            |            |    |
|             | Leakage Current   | < 0.25mA  |           |           |           |             |            |            |    |
|             | Surge Current     | 50A@VAC and 25°C ambient  |           |           |           |             |            |            |    |
| PROTECTION  | Overload          | 150% ~ 200% fold back   |           |           |           |             |            |            |    |
|             | Over Voltage      | 120% ~ 140% 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             |           |           |           |             |            |            |    |
|             | No Load Operation | Yes , to protect the power supply and system from damage  |           |           |           |             |            |            |    |
| OTHERS      | Setup time        | 3s max. @ AC low line Input and Output full load  |           |           |           |             |            |            |    |
|             | Holdup time       | 10ms @ AC nominal Input and Output full load  |           |           |           |             |            |            |    |
|             | Cooling           | Free air convection   |           |           |           |             |            |            |    |
|             | Withstand Voltage | HI-POT B / I/P-O/P (FG): 3KVAC / 10mA / 1 minute  |           |           |           |             |            |            |    |
|             | Power Consumption | max. 1W @ AC nominal Input and Output min. load   |           |           |           |             |            |            |    |
| Environment | Temperature       | Operating: 0 ~ 40°C / Storage: -20 ~ 85°C   |           |           |           |             |            |            |    |
|             | Humidity          | Operating: 8% ~ 90% RH / Storage: 5% ~ 95% RH   |           |           |           |             |            |            |    |
| Connection  | Input             | Plug: standard: European-plug / US-plug on request  |           |           |           |             |            |            |    |
|             | Output            | Plug: standard: 5.5 x 2.1 x 9.5mm (spring loaded center '+') or customer requirement / Cable: 180cm |           |           |           |             |            |            |    |
| MTBF        |                   | > 35K hours   |           |           |           |             |            |            |    |
| SAFETY      |                   | TÜV / CE / CB   |           |           |           |             |            |            |    |
| EMC         | EMI               | EN55022 Class B / FCC part 15 sub part B Class B / EN61000-3-2,3                                    |           |           |           |             |            |            |    |
|             | EMS               | EN55024 / IEC61000-4,2,3,4,5,6,8,11   |           |           |           |             |            |            |    |
| WEIGHT      |                   | N.W.: 0.1 kg  |           |           |           |             |            |            |    |