

## Features

- Compliant to DoE 2016 (Level VI)
- ErP Stage 2, NRCAN & GEMS Level VI
- No Load Power Consumption < 0.1 W
- Regulated Output with Low Ripple Noise
- 1 Year Warranty



## Marks / Approvals



## Specifications

Product similar to photo, variations possible.

|                                       | MODEL   | Voltage  | Min. Load | Max. Load | Max. Power |
|---------------------------------------|---|--|-----------|-----------|------------|
|                                       | STD 12090   | 12 V   | 0.0 A     | 9.0 A     | 108 W      |
|                                       | STD 15080   | 15 V   | 0.0 A     | 5.0 A     | 120 W      |
|                                       | STD 16075   | 16 V   | 0.0 A     | 7.5 A     | 120 W      |
|                                       | STD 18066   | 18 V   | 0.0 A     | 6.6 A     | 120 W      |
|                                       | STD 19063   | 19 V   | 0.0 A     | 6.3 A     | 120 W      |
|                                       | STD 20060   | 20 V   | 0.0 A     | 6.0 A     | 120 W      |
|                                       | STD 24050   | 24 V   | 0.0 A     | 5.0 A     | 120 W      |
|                                       | STD 30040   | 30 V   | 0.0 A     | 4.0 A     | 120 W      |
|                                       | STD 48025   | 48 V   | 0.0 A     | 2.5 A     | 120 W      |
|                                       | STD 56021   | 56 V   | 0.0 A     | 2.15 A    | 120 W      |
| INPUT                                 | <b>Voltage</b>  | AC 100 V – 240 V   |           |           |            |
|                                       | <b>Frequency</b>  | 50 Hz - 60 Hz  |           |           |            |
|                                       | <b>Current</b>  | 1.6 A max.   |           |           |            |
|                                       | <b>Protection</b>   | Internal Primary Current Fuse, Inrush Limiting                               |           |           |            |
| OUTPUT                                | <b>Load Regulation</b>  | ± 5 % (typical)  |           |           |            |
|                                       | <b>Ripple</b>   | 1 % – 2 % V p-p max. for output voltage at full load                         |           |           |            |
|                                       | <b>Transient Response</b>   | 0.5 ms for 50 % load change typical  |           |           |            |
|                                       | <b>Leakage Current</b>  | 0.25 mA max.   |           |           |            |
|                                       | <b>Protection</b>   | Short circuit Protection • Over Voltage Protection • Over Current Protection |           |           |            |
| OTHERS                                | <b>Cooling</b>  | Convection   |           |           |            |
|                                       | <b>Efficiency</b>   | DoE Level VI • Energy Star • ErP Stage 2 • NRCAN & GEMS Level VI Certified   |           |           |            |
|                                       | <b>Holdup Time</b>  | 10 ms at full load   |           |           |            |
|                                       | <b>Dielectric Withstand</b>   | AC 3000 V Primary – Secondary  |           |           |            |
|                                       | <b>MTBF</b>   | 300,000 calculated hours at 25 °C by telcordia SR-332                        |           |           |            |
| ENVIRONMENT                           | <b>Temperature</b>  | Operating: 0 °C – 40 °C / Storage: -20 °C – 80 °C                            |           |           |            |
|                                       | <b>Humidity</b>   | Operating: 20 % RH – 80 % RH / Storage: 10 % RH – 90 % RH                    |           |           |            |
| <b>EMI Conduction &amp; Radiation</b> | Compliance to EN 55022 Class B  |  |           |           |            |
| <b>Harmonic Current</b>               | Compliance to EN 61000-3-2, -3  |  |           |           |            |
| <b>EMS Immunity</b>                   | Compliance to IEC 61000-1-2, -3, -4, -5, -6, -8, -11                  |  |           |           |            |
| <b>Safety</b>                         | IEC / EN / UL 62368-1 • IEC / EN / UL 60950-1 • CE • RCM • PSE • BSMI |  |           |           |            |
| <b>Case Dimensions</b>                | 168 mm × 66 mm × 39 mm  |  |           |           |            |

### Weight