



69.95 EUR  
incl. 19% VAT, plus [shipping](#)

- 100/240V
- 192W !
- Model: STD-12160
- FANLESS !

**Support:** [4pol Mini DIN Connector Pinout](#)

For connecting PicoPSU-150-XT/PicoPSU-160-XT to the standard 230V house power net.  
192W max.

- Dimensions: 183 x 81 x 42 mm
- Connector : 4 pin Mini DIN
- Efficiency :  $\geq 87\%$
- CEC, Energy Star Level V & ErP Stage 2 & NRCan
- No Load Power Consumption Less Than 0.5W

PicoPSU-adapter cable 4 pin Mini DIN to Mini-Fit-JR included.  
Power cord (cold devices connector) not included.

| Model           | Output Voltage                | Output Current | Watt |
|-----------------|-------------------------------|----------------|------|
| STD-12160       | 12.0V                         | 16.0A          | 192W |
| <b>Input</b>    |                               |                |      |
| Voltage         | 100-240 VAC                   |                |      |
| Line Frequency  | 50-60Hz                       |                |      |
| Current         | 2.8A Max.                     |                |      |
| Protection      | Internal Primary Current Fuse |                |      |
| Configuration   | IEC60320 / C14                |                |      |
| <b>Output</b>   |                               |                |      |
| Load Regulation | $\pm 5\%$ (Typical)           |                |      |

|                    |  |
|--------------------|--|
| Ripple             | 3~5% Vp-p Max. for Output Voltage @ Full Load  |
| Transient Response | 0.5mS for 50% Load Change Typical  |
| Holdup Time        | 10mS @ Full Load   |
| Protection         | Short Circuit Protection/ Over Voltage Protection/ Over Current Protection/Over Temperature Protection |
| DC Cord            | UL2464 / 16AWG   |
| Ferrite Core       | No (Optional)  |

#### Safety Approvals

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM

#### Electrical

|                          |   |
|--------------------------|---|
| Topology                 | LLC   |
| Dielectric Withstand     | 3,000 VAC Primary – Secondary                         |
| Leakage Current          | 3.5mA @ 3 Pin   |
| Efficiency               | Energy Star Level V, ErP Stage 2 & NRCan Certified    |
| EMI Conduction&Radiation | Compliance to EN55022 Class B                         |
| Harmonic Current         | Compliance to EN61000-3-2,3                           |
| EMS Immunity             | Compliance to EN61000-4-2,3,4,5,6,8,11                |
| MTBF                     | 300,000 Calculated Hours at 25°C, by Telcordia SR-332 |

#### Environmental

|                        |  |
|------------------------|--|
| Operatring Temperature | 0 to +40°C                                       |
| Storage Temperature    | -20 to +80°C                                     |
| Relative Humidity      | Operating: 20 to 80% RH<br>Storage: 10 to 90% RH |
| Cooling                | Natural Convection Cooling                       |

#### Mechanical

|                |                       |
|----------------|-----------------------|
| Case Dimension | L183 x W81 x H42 (mm) |
| Weight         | 850g (Ref.)           |