



64.95 EUR

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

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

For connecting PicoPSU-150-XT/PicoPSU-160-XT (additional Mini-Fit-JR adapter cable needed) 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 not included.

Power cord (cold devices connector) not included.

| Model                                                  | Output Voltage                                                                                         | Output Current | Watt |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------|------|
| STD-12160                                              | 12.0V                                                                                                  | 16.0A          | 192W |
| Input                                                  |                                                                                                        |                |      |
| Voltage                                                | 100-240 VAC                                                                                            |                |      |
| Line Frequency                                         | 50-60Hz                                                                                                |                |      |
| Current                                                | 2.8A Max.                                                                                              |                |      |
| Protection                                             | Internal Primary Current Fuse                                                                          |                |      |
| Configuration                                          | IEC60320 / C14                                                                                         |                |      |
| Output                                                 |                                                                                                        |                |      |
| Load Regulation                                        | ± 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**

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Operating 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.)           |