

Datasheet

12 Watt Value Power

RS Stock No: 124-2188



Features:

Plug in switching adaptor
Double insulated
Small low profile package
Overload, short circuit protection
Lowest standby power consumption
EU CoC V5 tier 2/ EnergyStar DOE VI

Application:

Single board computers
Wireless communications
Peripherals
Networking
Portable equipment
Tablets / Smartphones
Telecom

General Specifications:

| | |
|------------------------------|---|
| Operating temperature | -10°C...+40°C |
| Storage temperature | -20°C...+70°C |
| Humidity | 10...90% RH |
| Dielectric Withstand (Hipot) | 3000VAC 1min 5mA inp.<->outp. |
| Leackage current | 0.25mA max. @240 VAC |
| Overcurrent protection | continuous, auto restart |
| Overvoltage protection | typ. 120% |
| Safety requirements | TUV/GS EN60950-1:2006+A11(2009)+A1(2010)+ |



Input Specifications:

| | |
|------------------------------|-------------------|
| Input voltages | 90...264 VAC |
| Input frequency | 47...63 Hz |
| Input current | 450mA(rms) @90VAC |
| Hold-up time, nom.conditions | 20ms @230VAC |
| Inrush current | <30A/230VAC |
| No load power consumption | < 0.075 Watt |

Output Specifications:

| | |
|-------------------------|------------------------|
| Power | 12 Watt |
| Efficiency | DOE VI / CoC V5 tier 2 |
| Recovery time $\pm 2\%$ | max. 1 ms |
| Ripple and noise | max. 100mV pp |

Mechanical:

| | |
|--------------|---|
| LxWxH | 56 x 27 x 73 mm |
| Weight | 72 g |
| DC-connector | 2.1 x 5.5 x 10 mm , inside positive, outside negative |
| DC-cable | L=1500mm , UL2468 24AWG |

Technical Drawing:

