

DESCRIPTION

60W Open frame type power supply with 12V DC output for information technology and industrial applications

APPLICATION

For information technology and industrial applications

FEATURES

- Compact size
- Fit 1U Chassis
- Full Load at 0~50 °C
- Air Convection Cooling
- Protection: Over Voltage, Over Temperature, Short Circuit & Over Power (Function : AUTO)
- High Reliability
- High Density
- MTBF 150,000 hours at 25°C
- EMC class B
- ITE Approval

WATTAGE

Wattage: 60W

PRODUCT HIGHLIGHT

Efficiency Level: 80 %
Output Voltage: 12V
Size: 129.0 (5.08") x 98.0 (3.86") x 38.0 (1.49") mm

INPUT SPECIFICATION

Input Type: AC-DC
Input Voltage: 90~264 Vac
Input Frequency: 47~63 Hz
Input Current: < 2.0A for 115 VAC < 1.2A for 230 VAC
Inrush current: 40A @ 230VAC (Typ.)
Earth leakage current: 2.0mA max. @240VAC

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1
 12 V , 5.0 A

Ripple & Noise:

Output1
 180mV

Over Voltage Protection:

Output1
 115% - 145%

MECHANICAL

Dimension: 129.0mm(L) x 98.0mm(W)
 x 38.0mm(H)
Remote Control: No



SAFETY STANDARD APPAOVAL



ENVIRONMENTAL SPECIFICATION

De-rating: De-rate from 100% at +50°C, linearly to 50% at +70°C
Storage temperature: -40°C to +85°C
Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

Efficiency: 80% minimum on all models
Hold-up time: 14 ms minimum at 14 VAC
MTBF: 150,000 hours minimum at full load at 25 °C ambient, calculated per MIL-HDBK-217F

EMC PERFORMANCE

EN55022: Class B Conducted, Class B radiated

This content is subject to change, please refer to specification for more detail.
 FSP reserve the right to change the content without prior notice