

DESCRIPTION

30W 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
- High Reliability
- High Density
- MTBF 150,000 hours at 25°C
- EMC class B
- ITE Approval

WATTAGE

Wattage: 30W

PRODUCT HIGHLIGHT

Efficiency Level: 83 %
Output Voltage: 12V
Size: 96.0 (3.78") x 40.0 (1.57") x 28.5 (1.12") mm

INPUT SPECIFICATION

Input Type: AC-DC
Input Voltage: 90~264 Vac
Input Frequency: 47~63 Hz
Input Current: < 0.7A for 115 VAC < 0.5A for 230 VAC
Inrush current: 150A @ 230VAC (Typ.)
Earth leakage current: 250uA max. @264VAC, 60Hz

OUTPUT SPECIFICATION

Output Voltage / Current:

Output1
12 V , 2.5 A

Ripple & Noise:

Output1
120mV

Over Voltage Protection:

Output1
112% - 127%

MECHANICAL

Dimension: 96.0mm(L) x 40.0mm(W) x 28.5mm(H)
Remote Control: No

SAFETY STANDARD APPROVAL



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: 83% minimum on all models
Hold-up time: 12 ms minimum at 12 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
FCC: Class B Conducted, Class B radiated

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