

DESCRIPTION

200W Open frame type power supply with 48V 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: 200W

PRODUCT HIGHLIGHT

Efficiency Level: 87 %
Output Voltage: 48V
Size: 199.0 (7.83") 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: < 2.5A for 115 VAC < 1.3A for 230 VAC
Inrush current: 150A @ 230VAC (Typ.)
Earth leakage current: 2.0mA max. @240VAC

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1
48 V , 4.2 A

Ripple & Noise:

Output1
250mV

Over Voltage Protection:

Output1
108% - 135%

MECHANICAL

Dimension: 199.0mm(L) x 98.0mm(W) x 38.0mm(H)
Remote Control: No

ENVIRONMENTAL SPECIFICATION

De-rating: De-rate from 100% at +50°C, linearly to 50% at +70°C
Storage temperature: -20°C to +85°C
Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

Efficiency: 87% minimum on all models
Hold-up time: 16 ms minimum at 16 VAC
MTBF: 100,000 hours minimum at full load at 25 °C ambient, calculated per MIL-HDBK-217F

EMC PERFORMANCE

EN55022: Class B Conducted, Class B radiated

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