

DESCRIPTION

150W 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 100,000 hours at 25°C
- EMC class B
- ITE Approval

WATTAGE

Wattage: 150W

PRODUCT HIGHLIGHT

Efficiency Level: 85% / 115Vac & 88% / 230Vac
Output Voltage: 12 VDC
Size: 76.2 (3") x 127 (5") x 31.6 (1.25") mm

INPUT SPECIFICATION

Input Type: AC-DC
Input Voltage: 90~132 Vac
Input Frequency: 47~63 Hz
Input Current: ≤ 3.0A : 100 VAC / 240 VAC Full Road
Inrush current: 50A @115VAC ; 100A @ 230VAC
Earth leakage current: 3.5 mA max. @ 115VAC, 60Hz / 230VAC, 50Hz

OUTPUT SPECIFICATION

Output Voltage/Current:

Output1
12 V , 12.5 A

Ripple & Noise:

Output1
150mV

MECHANICAL

Dimension: 76.2mm(L) x 127mm(W) x 31.6mm(H)
Cooling: 100W / convection; 100W ~ 150W with 10CFM forced airflow
Connector Type-Input: JWT A3963WV2-5P or equivalent
Connector Type-Output: JWT A3963WV2-8P or equivalent
Remote Control: No

ENVIRONMENTAL SPECIFICATION

Storage temperature: -20°C to +80°C
Relative humidity: 5% to 95% non-condensing

GENERAL SPECIFICATION

Efficiency: 85% /115Vac & 88% / 230Vac @Full Road% minimum on all models
Hold-up time: 16 / 18 ms minimum at 16 / 18 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
FCC: Class B Conducted, Class B radiated
EN61000-4-2: ESD, ±15 KV Air ; ± 8 KV contact
EN61000-4-4: Fast transient/burst, ±2 KV Surge, ±1 KV diff., ±2 KV com.
EN61000-4-5: