

### DESCRIPTION

180W 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:** 180W

### PRODUCT HIGHLIGHT

**Efficiency Level:** 85% / 115Vac & 88% / 230Vac  
**Output Voltage:** 12 VDC  
**Size:** 76.2 ( 3" ) x 127 ( 5" ) x 33.6 ( 1.32" ) mm

### INPUT SPECIFICATION

**Input Type:** AC-DC  
**Input Voltage:** 90~132 Vac  
**Input Frequency:** 47~63 Hz  
**Input Current:** 3.0A : 110 VAC / 230 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 , 15 A

#### Ripple & Noise:

Output1
200mV

### MECHANICAL

**Dimension:** 76.2mm(L) x 127mm(W) x 33.6mm(H)  
**Cooling:** 100W / convection; 100W ~ 180W with 10CFM forced airflow  
**Connector Type-Input:** JWT A3963WV2-5P or equivalent  
**Connector Type-Output:** JWT A3963WV2-8P or equivalent  
**Remote Control:** No

### SAFETY STANDARD APPROVAL



### ENVIRONMENTAL SPECIFICATION

**Storage temperature:** -20°C to +80°C  
**Relative humidity:** 5% to 90% 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:** 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  
**EN61000-4-2:** ESD, ±15 KV Air ; ± 8 KV contact  
**EN61000-4-4:** Fast transient/burst, ±2 KV  
**EN61000-4-5:** Surge, ±1 KV diff., ±2 KV com.

This content is subject to change, please refer to specification for more detail.  
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