

### DESCRIPTION

300W Open frame type power supply with 24V 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



### SAFETY STANDARD APPROVAL



### ENVIRONMENTAL SPECIFICATION

**Storage temperature:** -20°C to +70°C  
**Relative humidity:** 5% to 95% non-condensing

### GENERAL SPECIFICATION

**Efficiency:** 88% minimum on all models  
**MTBF:** 100,000 hours minimum at full load at 25 °C ambient, calculated per MIL-HDBK-217F

### WATTAGE

**Wattage:** 300W

### PRODUCT HIGHLIGHT

**Efficiency Level:**  $\geq$  88%  
**Output Voltage:** 24 VDC  
**Size:** 214.5 ( 8.44" ) x 120.4 ( 4.74" ) x 40.5 ( 1.59" ) mm

### INPUT SPECIFICATION

**Input Type:** AC-DC  
**Input Voltage:** 90~264 Vac  
**Input Frequency:** 47~63 Hz  
**Input Current:**  $\leq$  2.7A : 100 VAC /  $\leq$  1.3A : 240 VAC

### OUTPUT SPECIFICATION

#### Output Voltage/Current:

Output1
24 V , 12.5 A

### MECHANICAL

**Dimension:** 214.5mm(L) x 120.4mm(W) x 40.5mm(H)  
**Remote Control:** No

### EMC PERFORMANCE

**EN55015:** Class B Conducted, Class B radiated  
**EN55022:** Class B Conducted, Class B radiated  
**EN61000-3-2:** Harmonic current emission, Class A

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