

### DESCRIPTION

60W 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 ( Function : AUTO )
- High Reliability
- High Density
- MTBF 150,000 hours at 25°C
- EMC class B
- ITE Approval



### 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:** 80% minimum on all models

**Hold-up time:** 14 ms minimum at 14 VAC

**MTBF:** 150,000 hours minimum at full load at 25 °C ambient, calculated per MIL-HDBK-217F

### WATTAGE

**Wattage:** 60W

### PRODUCT HIGHLIGHT

**Efficiency Level:** 80 %

**Output Voltage:** 12V

**Size:** 129.0 ( 5.08" ) 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:** < 2.0A for 115 VAC < 1.2A for 230 VAC

**Inrush current:** 40A @ 230VAC (Typ.)

**Earth leakage current:** 2.0mA max. @240VAC

### OUTPUT SPECIFICATION

#### Output Voltage / Current:

Output1  
12 V , 5.0 A

#### Ripple & Noise:

Output1  
180mV

#### Over Voltage Protection:

Output1  
115% - 145%

### MECHANICAL

**Dimension:** 129.0mm(L) x 98.0mm(W) x 38.0mm(H)

**Remote Control:** No

This content is subject to change, please refer to specification for more detail.  
FSP reserve the right to change the content without prior notice