



# Industry

## FSP150-1H35-24

### DESCRIPTION

150W 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

### WATTAGE

**Wattage:** 150W

### PRODUCT HIGHLIGHT

**Efficiency Level:** 85% / 115Vac & 88% / 230Vac  
**Output Voltage:** 24 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

24 V , 6.25 A

#### Ripple & Noise:

Output1

240mV

### 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  
16 / 18 ms minimum at 16 / 18 VAC  
**Hold-up time:** 100,000 hours minimum at full load at 25 °C ambient, calculated per MIL-HDBK-217F  
**MTBF:**

### 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.

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