Sparkle Power Inc.

A Leading Power Supply manufacturer
Web site: www.sparklepower.com



FSP150-60DL(24V)

150 Watts 24V DC Input Flex ATX Switching Power Supply

Features

- Complied with Flex ATX standard
- 24V DC Input
- High efficiency and reliability
- Remote On/Off function
- Internal 12V DC fan included
- Noise Killer (Thermal fan speed control function)
- Low noise and ripple
- Complies with FCC Class B and CISPR 22 Class B
- Output over voltage, short circuit, and over current protection
- 100% Hi-pot, ATE, and burn-in tested
- Re-settable power shut down
- Approved by UL 1950, CSA C22.2 Level 3, TUV EN60950, NEMKO (CB Report), CE

Specification

- **Temperature Range:** Operating 0° C ~ +50° C on full load; storage & shipping -20° C ~ +80° C
- **Humidity:** 95% on operating and 95% on storage
- **Efficiency:** 65% at minimum measured at nominal AC main voltage and frequency with maximum load on all output
- **Rise Time:** Less than 20ms
- **Hold-up Time:** Input 24V: 5.0ms minimum
- **Power Good Signal:** Power on delay time 100 ms to 500 ms, off delay 1ms minimum (TTL and CMOS compatible)
- **MTBF:** 100,000 hours on maximum load at +25° C degree
- **Dimension (WxHxL):** 81.5x40.5x150mm/3.2”x1.6”x6” inches

Input Characteristics

Input Range: 18~32V DC
Input Line Current: 24V DC 14A (RMS)

Output Characteristics

Output Voltage	Minimum Load	Maximum Load	Load Reg.	Line Reg.	Ripple & Noise
+3.3V	0.3A	10A	± 5%	± 1%	50mV P-P
+5V	1.5A	14A	± 5%	± 1%	50mV P-P
+12V	0.2A	4.2A	± 5%	± 1%	120mV P-P
-12V	0.0A	0.3A	± 10%	± 2%	120mV P-P
+5Vsb	0.0A	2.0 A	± 5%	± 1%	100mV P-P

*+5V and +3.3V total output not exceed 85W
*+3.3V, +5V, and +12V total output cannot exceed 135W

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