



Sparkle Power Inc.
 A Leading Power Supply Manufacturer
 Web site: www.sparklepower.com

FSP200-61DL (48V)

(RoHS Compliant)

200 Watts Flex DC to DC Switching Power Supply



Features

- Compatible with European Union Directive 2002/95/EC (Restriction on Hazardous Substances).
- High efficiency and reliability
- Remote ON/OFF function
- Internal 12V DC fan included
- Low noise and ripple
- Output over voltage, short circuit, and over current protection
- 100% Hi-pot, ATE, and burn-in tested
- Re-settable power shut down
- Complies with FCC part 15 subpart J class B 115Vac operation, and CISPR 22 class B at 230Vac operation
- Approved by : UL/CUL60950-1 2nd, TUV EN60950-1 2nd, CB 60950-1 2nd , FCC, EMC

Input Characteristics

Input Range: 36 ~ 72Vdc. Normal 48Vdc.

Input Current: 48Vdc, Max 8A

Inrush Current: No damage.

Output Characteristics

Output Voltage	Minimum Load	Normal Load	Maximum Load	Load Reg.	Ripple & Noise
+3.3V	0.0A	6A	12A	± 5%	50mV P-P
+5V	1.0A	6A	12A	± 5%	50mV P-P
+12V	1.0A	8A	16A	± 5%	120mV P-P
-12V	0.0A	0.25A	0.5A	± 10%	120mV P-P
+5Vsb	0.0A	1.0A	2.0A	± 5%	50mV P-P

*+3.3V and +5V total output not exceed 80W

* Total output for this subject power supply is 200W

Specification

- **Temperature Range:** Operating: 0°C ~ +50°C; storage & shipping: -20°C ~ +80°C
- **Humidity:** 5~95% on operating & storage
- **Dielectric Withstand:** Primary frame ground 1800V AC for 2 second
- **Efficiency:** 80% minimum
- **Rise time:** Less than 20ms
- **Power Good Signal:** Power on delay time 100 ~ 500ms, off delay 1ms minimum (TTL and CMOS compatible)
- **MTBF:** 100,000 hours on maximum load at +25°C
- **Dimensions (LxWxH):** 150x81.5x40.5mm / 6x3.2x1.6inch

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