



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

FSP200-63DL (12V)

(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: 9 ~ 18Vdc. Normal 12Vdc.

Input Current: 12Vdc, Max 32A

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	0.5A	7.5A	15.4A	± 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 (for 11Vdc < Vdc input < 18Vdc)

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:** 74% 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

Sparkle Power Inc.
Main Office
 1000 Rock Avenue
 San Jose, CA 95131
 TEL: 408-519-8888
 FAX: 408-519-9999
 E-MAIL: info@sparklepower.com

Sparkle Power Inc.
Los Angeles Office
 17071 Green Drive
 City of Industry, CA 91745
 TEL: 626-839-7180
 FAX: 626-839-3395