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

FSP250-60MPC

(80PLUS BRONZE, RoHS Compliant)

250 Watts FLEX ATX Medical Grade Power Supply



Features

- Complied with FLEX ATX and ATX12V standard
- Active Power Factor Correction (PFC) meet EN61000-3-2
- High efficiency and reliability
- Compatible with European Union Directive 2002/95/EC (Restriction on Hazardous Substances).
- 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
- FCC Part 15 Subpart J, Class 'B' 115 Vac operation. CISPR 22 Class 'B' 230 Vac operation.
- Approved by UL 60601, TUV 60601, FCC, EMC,CE, CB REPORT(IEC 60601)

Specification

- Temperature Range: Operating: 0°C ~ +50°C ; storage & shipping: -20°C ~ +80°C
- Humidity: 85% on operating,95% on storage
- Dielectric Withstand: Primary frame ground 1800V AC for 1 second
- Efficiency: 82% minimum
- Rise time: Less than 20ms
- Hold-up Time: 14ms minimum at nominal input voltage
- Power Good Signal: Power on delay time 100 ~ 500ms, off delay 1ms minimum (TTL compatible)
- Leakage Current: Less than 0.5mA at 264Vac,50Hz
- MTBF: 100,000 hours on maximum load at 25°C
- Dimensions (LxWxH): 190cm x 81cm x 40.5cm

Input Characteristics

Input Range: 90 ~ 265Vac , Full Range Input
Frequency: 47 ~ 63Hz
Input Current: Max 4A @ 115Vac,2A @ 230Vac
Inrush Current: No damage

Output	Nominal	Regulation	Ripple/Noise	Min	Max
1	+3.3V	±5%	50mV	0.3A	12.0 A
2	+5V	±5%	50mV	0.5A	14.0 A
3	+12V	±5%	120mV	1.0A	18.0 A
4	-12V	±10%	120mV	0.0 A	0.3A
5	-5V	±10%	100mV	0.0A	0.3A
6	+5VSB	±5%	50mV	0.0 A	2.5A

※ –12V,+3.3V, +5V,+12V will have the regulation to ±10% when all load take off.

(1) The +3.3V and +5V total output shall not exceed 80W.

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