

FSP250-50LC(1U)

(80PLUS Bronze, RoHS Compliant) 250 Watts ATX12V, 1U Switching Power Supply

Features

- Complied with 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
- Complies with FCC part 15 subpart J class B 115Vac operation, and CISPR 22 class B at 230Vac operation

Input Characteristics

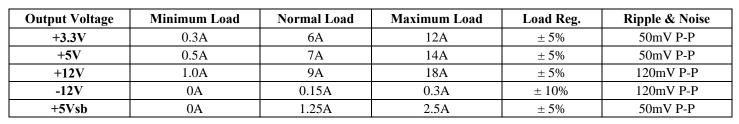
Input Range: 90 ~ 264Vac, Full Range Input

Frequency: 47 ~ 63Hz

Input Current: Max 4.0A @ 115Vac, 2.0A @ 230Vac

Inrush Current: No Damage

Output Characteristics



*+3.3V and +5V total output not exceed 80W $\qquad ** -12V, +3.3V, +5V, +12V$ will have the regulation to $\pm 10\%$ when all load take off.

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





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 2 second

• Efficiency: Typical > 85%

Rise time: Less than 20ms

• **Hold-up Time:** ≥ 14 ms minimum at 115V/60Hz.

 Power Good Signal: Power on delay time 100 ~ 500ms, off delay 1ms minimum (TTL and CMOS compatible)

• Leakage Current: Less than 3.5mA at 264Vac, 63Hz

MTBF: 100,000 hours on maximum load at +25°C
Dimensions (LxWxH): 190x100x40.5mm / 7.48x3.9x 1.6
inch

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

^{*} Total output for this subject power supply is 250W