

Sparkle Power Inc. A Leading Power Supply Manufacturer Web site: <u>www.sparklepower.com</u>

FSP700-502UQ (80PLUS Gold, RoHS Compliant) 700 Watts, PM Bus, 2U Switching Power Supply

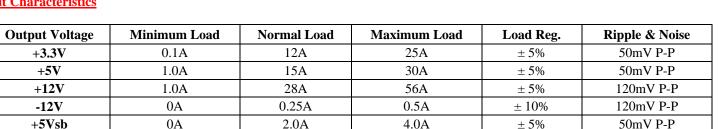
Features

- Power Management Bus (PM Bus Rev:1.2)
- Active Power Factor Correction (PFC) meet EN61000-3-2
- High efficiency 80plus Gold 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
- Approved by : UL/CUL60950-1 2nd TUV EN60950-1 2nd, CB 60950-1 2nd , FCC, EMC, CE

Input Characteristics

Input Range: 90 ~ 264Vac, Full Range Input Frequency: 47 ~ 63Hz Input Current: Max 12A @ 115Vac, 6A @ 230Vac Inrush Current: No Damage

Output Characteristics



*+3.3V and +5V total output not exceed 170W

* Total output for this subject power supply is 700W

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Specification

- Temperature Range: Operating: 0°C ~ +50°C on full load; storage & shipping: -20°C ~ +80°C
- Humidity: Operation : 85% RH, Non-condensing.

Storage : 95% RH, Non-condensing.

- **Dielectric Withstand:** Primary frame ground 1800V AC for 2 second
- Altitude: operating up to 5K Meter.
- Efficiency: Typical > 90%
- Rise time: Less than 20ms
- Hold-up Time: 16 ms minimum at nominal input voltage
- **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, 50Hz
- MTBF: 100,000 hours on maximum load at +25°C
 Dimensions (LxWxH): 260x100x70mm /

10.24x3.9x 2.7 inch

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