



Sparkle Power Inc.

A Leading Power Supply Manufacturer

Web site: www.sparklepower.com



FSP120-ABBN2

(Efficiency Level VI, RoHS Compliant)

120 Watts Power Adapter

Features

- High efficiency and reliability
- Compatible with European Union Directive 2011/65/EU (Restriction on Hazardous Substances).
- Low noise and ripple
- Output over voltage, short circuit, and over current protection
- 100% Hi-pot, ATE, and burn-in tested
- Complies with FCC part 15 subpart J class B 115Vac operation, and CISPR 22 class B at 230Vac operation
- Approved by CUL/UL60950-1 2nd TUV EN60950-1 2nd, CB 60950-1 2nd, FCC, EMC

Input Characteristics

Input Range: 90 ~ 264Vac (RMS), Full Range Input

Frequency: 47 ~ 63Hz

Input Current: Max 1.5A (RMS) @ 115Vac, 1.0A (RMS) @ 230Vac

Inrush Current: No damage.

Output Characteristics

SPI Model	Output Voltage	Output Current	Load Reg.	Ripple & Noise	Connector Type	Connector IDxODxL	Dc cable Length (mm)
AD120ABBN2-J25R	19V	6.32A	± 5%	350mV P-P	Barrel 90°	2.5*5.5*11	1800



Specification

- **Temperature Range:** Operating: 0°C ~ +40°C; storage & shipping: -20°C ~ +80°C
- **Humidity:** 80% on operating, 90% on storage
- **Dielectric Withstand:** Primary frame ground 1800V_{AC} for 3 second
- **Average Efficiency:** Efficiency Level VI & ErP Teir 2
- **No Load Power Consumption:** Less than 2.1W
- **Turn-on Delay Time:** Less than 3s
- **Hold-up Time:** 10 ms minimum at 115Vac input and max output loading
- **Leakage Current:** Less than 250uA at 264Vac, 60Hz
- **MTBF:** 100,000 hours on maximum load at +25°C
- **Altitude:** 5,000M
- **Dimensions (LxWxH):** 151.3x75.6x25.4mm

/5.96x2.95x1.0inch

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