



**Sparkle Power Inc.**

A Leading Power Supply Manufacturer

Web site: [www.sparklepower.com](http://www.sparklepower.com)



## **FSP084-DIBAN2**

**(Efficiency Level VI, RoHS Compliant)**

**84 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 2<sup>nd</sup> TUV EN60950-1 2<sup>nd</sup>, CB 60950-1 2<sup>nd</sup>, FCC, EMC

### **Input Characteristics**

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

**Frequency:** 47 ~ 63Hz

**Input Current:** Max 1.3A (RMS) @ 115Vac, 0.8A (RMS) @ 230Vac

**Inrush Current:** No damage.

### **Specification**

- **Temperature Range:** Operating: 0°C ~ +40°C; storage & shipping: -30°C ~ +60°C
- **Humidity:** 80% on operating, 80% on storage
- **Dielectric Withstand:** Primary frame ground 1800V<sub>AC</sub> for 3 second
- **Average Efficiency:** Efficiency Level VI & ErP Teir 2
- **No Load Power Consumption:** Less than 0.1W
- **Turn-on Delay Time:** Less than 3s
- **Hold-up Time:** 20ms 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):** 160x58x32.3mm

/6.3x2.28x1.27inch

### **Output Characteristics**

SPI Model	Output Voltage	Output Current	Load Reg.	Ripple & Noise	Connector Type	Connector IDxODxL	Dc cable Length (mm)
AD084DIBAN2-J25	12V	7A	± 5%	150mV P-P	Barrel 180°	2.5x5.5x12	1200

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