

## **SPI-230G**

### **230 Watts Mini AT/ PS2 Power Supply**



### **Product Specifications**

#### **Features**

High efficiency  
Low noise and ripple  
Output over voltage protection  
Short circuit protection on all outputs  
Resettable power shut down  
Approved by UL 1950, CSA 22.2 Level 3, TUV  
EN60950 CB Internal 12 VDC fan provided  
Complies with FCC part 15 subpart J class B 115  
VAC operation and VDE VFG 243 class B 230  
VAC operation  
100% burn-in under high ambient temperature  
(50°C)  
MTBF above 50,000 hours  
100% Hi-Pot & ATE tested

#### **Input Characteristics**

Voltage: 90-132 VAC or 180-264 VAC switchable  
Frequency: 48 Hz to 63 Hz

#### **Specification**

Temperature range: Operating 0°C ~ 50°C; Non-operating: -20°C ~ 80°C  
Temperature coefficient: 0.01%/°C  
Transient response: Output voltage returns in less than 1 ms max. following a 25% load change  
Hold up time: 16ms minimum at full load & nominal input voltage  
Dielectric withstand: Input/output 1800 VAC for 1 second input to frame ground 1800 VAC for 1 second  
Humidity: 5~95% RH  
Efficiency: 65% Min., 70% typical, at full load  
Power good signal: On delay 100 ms to 500 ms, off delay 1ms  
Overload protection: 150% Max  
Over voltage protection: +5V output: 6V±0.5V

#### **Output Characteristics**

Output Voltage	Minimum Load	Maximum Load	Load Reg.	Line Reg.	Ripple & Noise
+5V	3.0 A	23 A	± 5%	± 1%	50 mV P-P
+12V	0.2 A	9.0 A	± 5%	± 1%	120 mV P-P
-5V	0.0A	0.5 A	± 10%	± 2%	150 mV P-P
-12V	0.0A	0.5 A	± 10%	± 2%	150 mV P-P

**Dimensions** (WxHxL): 150 x 86 x 140 (mm)/ 5.9" x 3.4" x 5.5"