

80 PLUS Verification and Testing Report

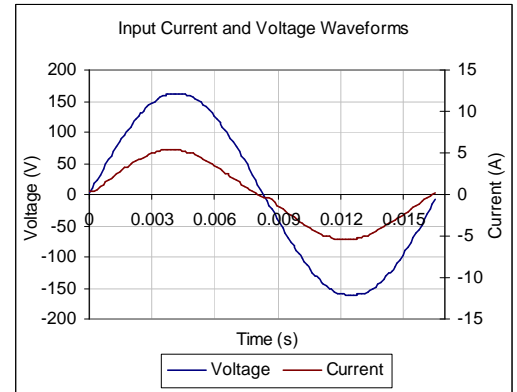
TYPICAL EFFICIENCY (50% Load):	83.96%
AVERAGE EFFICIENCY :	81.96%
80 PLUS COMPLIANT:	YES



Ecos ID #	161
Manufacturer	Sparkle Power
Model Number	SPI350PFB
Serial Number	N/A
Year	2006
Type	ATX12V
Test Date	12/11/2006

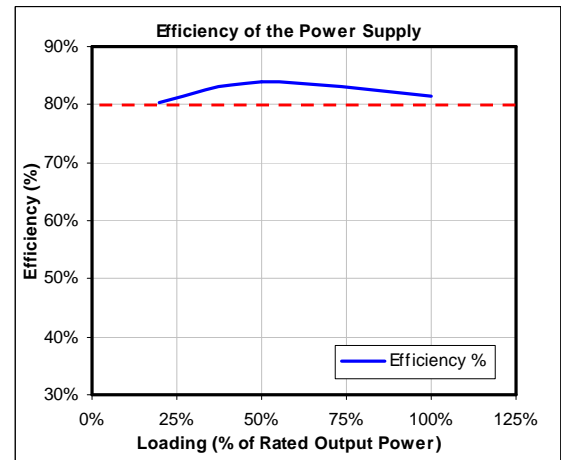
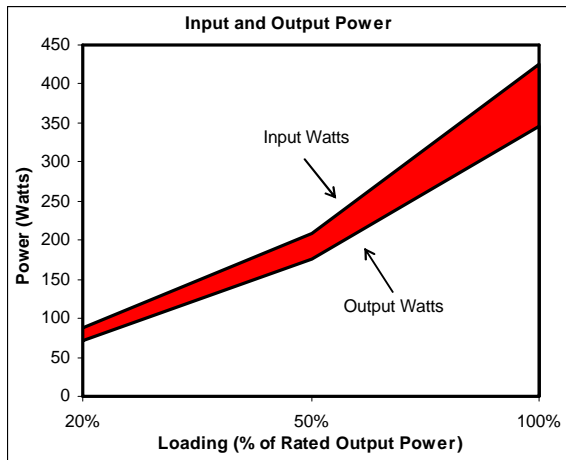
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	6 - 3	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	350	Watts

Note: All measurements were taken with input voltage at 115 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 11.96%, 50% Load)

I_{RMS} A	PF	I_{THD} (%)	Load (%)	Fraction of Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)						Output Watts	Efficiency %
						12V1	12V2	-12V	3.3V	5V*	5VSB		
0.79	0.97	16.5%	20%	Light	88	12.2/2	12.2/2	11.6/0.1	3.3/2.2	5/2.2	5.1/0.5	71	80.50%
1.84	0.99	12.0%	50%	Typical	209	12.2/5	12.2/5	11.5/0.3	3.2/5.6	4.9/5.6	5/1.2	175	83.96%
3.71	1.00	7.3%	100%	Full	426	12/9.9	12/9.9	11.7/0.5	3.2/11.2	4.8/11.2	4.9/2.5	347	81.41%



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS® Program. 80 PLUS is a certification program to promote highly-efficient power supplies (greater than 80% efficiency in the active mode) in technology applications. <http://www.80plus.org/>

