

80 PLUS Verification and Testing Report

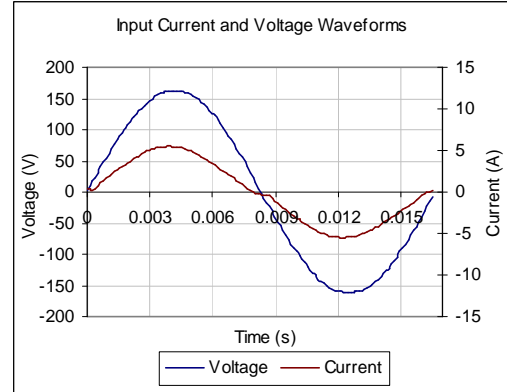
TYPICAL EFFICIENCY (50% Load):	84.54%
AVERAGE EFFICIENCY :	82.65%
80 PLUS COMPLIANT:	YES



Ecos ID #	162
Manufacturer	Sparkle Power
Model Number	SPI350PFB2
Serial Number	N/A
Year	2006
Type	ATX12V
Test Date	12/11/2006

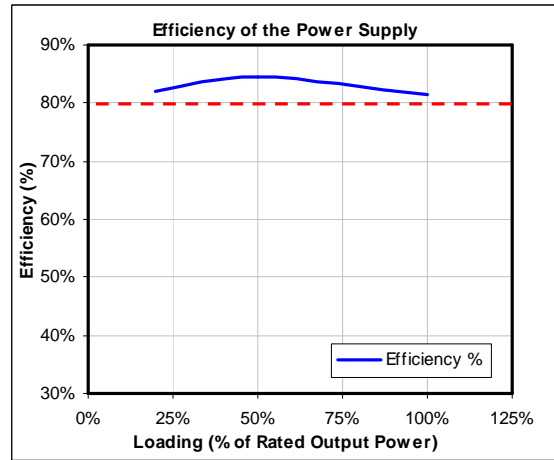
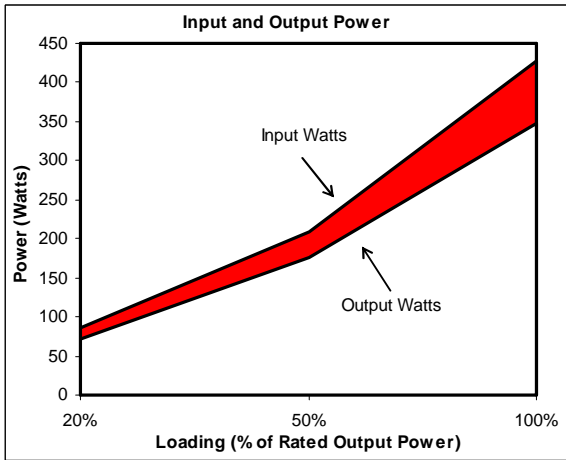
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	6 - 3	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	350	Watts

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



Input AC Current Waveform (ITHD = 14.64%, 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	0.96	24.1%	20%	Light	87	12.2/2	12.2/2	11.6/0.1	3.3/2.2	5/2.2	5.1/0.5	71	81.94%
1.84	0.98	14.6%	50%	Typical	209	12.2/5	12.2/5	11.6/0.3	3.3/5.6	5/5.6	5/1.2	176	84.54%
3.75	0.99	9.3%	100%	Full	428	12.1/9.9	12.1/9.9	11.6/0.5	3.2/11.2	4.9/11.2	4.9/2.5	348	81.48%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by EPRI Solutions Inc., Knoxville, TN.