

80 PLUS Verification and Testing Report

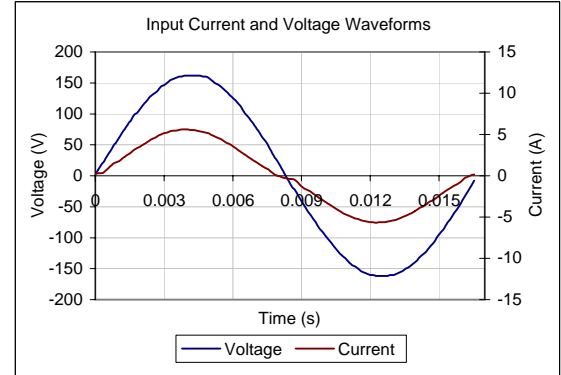


TYPICAL EFFICIENCY (50% Load):	83.34%
AVERAGE EFFICIENCY :	81.18%
80 PLUS COMPLIANT:	YES

Ecos ID #	330.1
Manufacturer	Sparkle Power Inc
Model Number	SPI350GLN
Serial Number	NA
Year	2007
Type	ATX
Test Date	8/29/2007

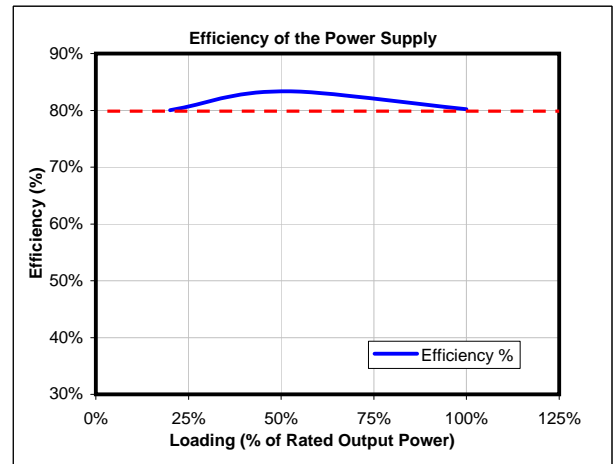
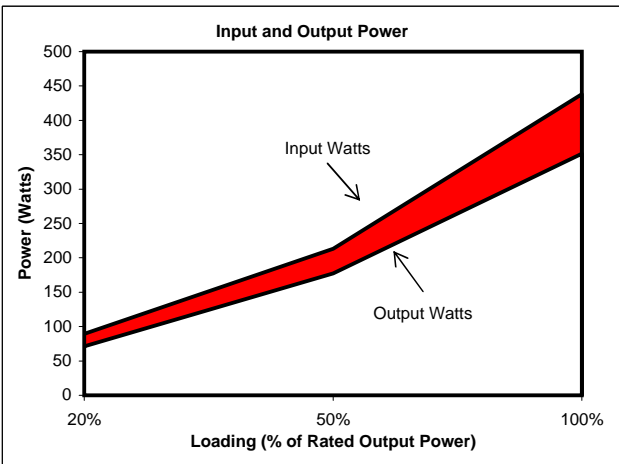
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	350	Watts

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



Input AC Current Waveform (ITHD = 14.32%, 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 %
						12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V*	5VSB		
0.80	0.97	21.5%	20%	Light	89	12.3/4.2	12.3/0.1	3.3/2.1	5.1/2	5/0.3	71	80.01%
1.88	0.99	14.3%	50%	Typical	213	12.2/10.5	12.3/0.2	3.3/5.3	5/5	5/0.8	178	83.34%
3.83	0.99	9.0%	100%	Full	438	12.1/21.1	12.3/0.3	3.2/10.6	5/10.1	4.9/1.6	351	80.20%



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 Electric Power Research Institute, Knoxville, TN.