

80 PLUS Verification and Testing Report

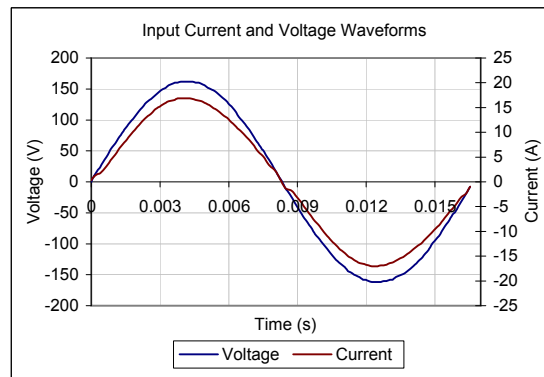
TYPICAL EFFICIENCY (50% Load):	85.01%
AVERAGE EFFICIENCY :	82.72%
80 PLUS COMPLIANT:	YES



Ecos ID #	254
Manufacturer	SuperFlower
Model Number	SF-1100P14HE
Serial Number	NA
Year	2007
Type	ATX
Test Date	6/20/2007

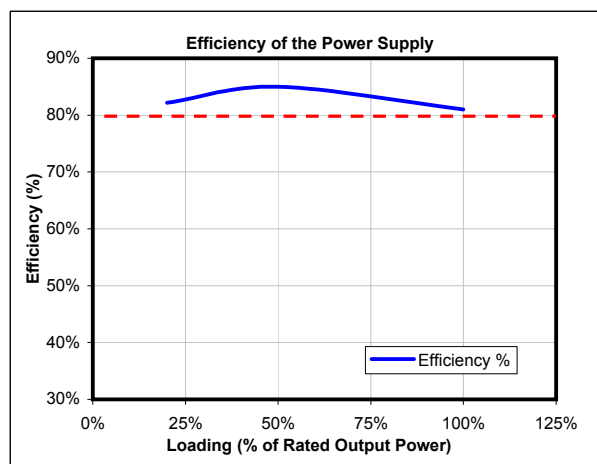
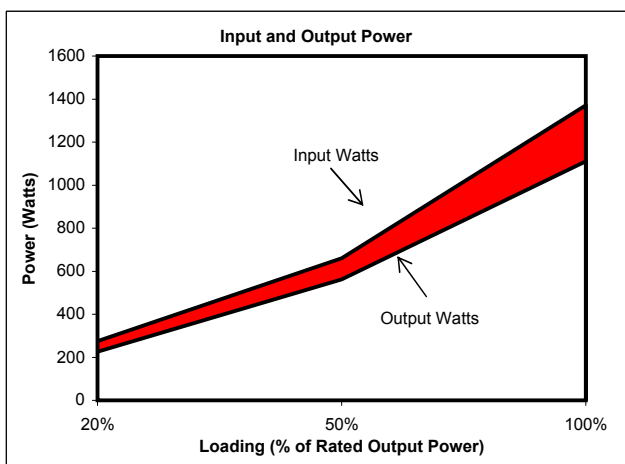
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	50/60	Hz
Rated Output Power	1100	Watts

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



Input AC Current Waveform (ITHD = 3.99%, 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		
2.42	0.96	6.0%	20%	Light	275	12.3/15.5	12.1/0.1	3.4/3.2	5.2/4	5.1/0.6	226	82.19%
5.77	0.99	4.0%	50%	Typical	661	12.2/38.7	12.2/0.2	3.3/8.1	5.2/10.1	5/1.4	562	85.01%
11.98	1.00	3.2%	100%	Full	1372	12.1/77.4	12.2/0.4	3.3/16.1	5.1/20.2	5/2.7	1111	80.97%



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/>

