

80 PLUS Verification and Testing Report

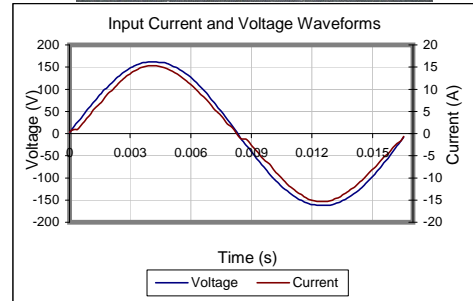
TYPICAL EFFICIENCY (50% Load):	87.20%
AVERAGE EFFICIENCY :	85.22%
80 PLUS COMPLIANT:	YES



Ecos ID #	1759
Manufacturer	SUPER FLOWER COMPUTER INC.
Model Number	SF-1000P14HE
Serial Number	SO910012006
Year	2009
Type	EPS12V
Test Date	11/19/2009

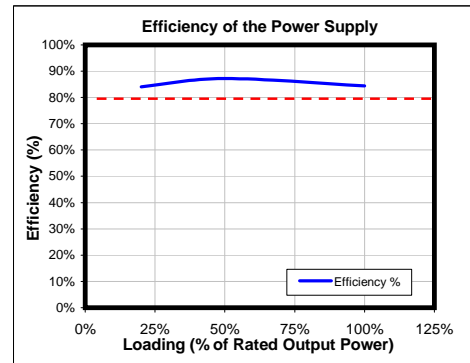
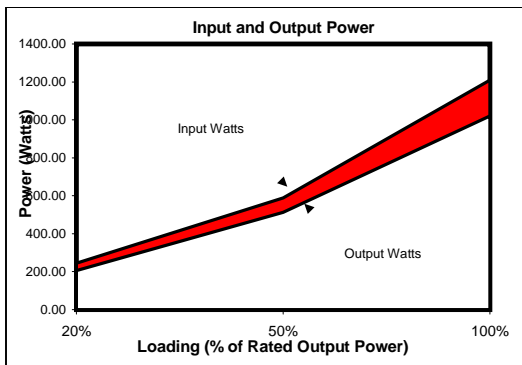
Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	15	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 8.97%, 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
2.14	0.9940	9.77%	20%	Light	244.90	12.3/13.9					12.2/0.1	3.4/3.1	5.2/3.8	5.1/0.9	205.83	84.05%
5.13	0.9955	8.97%	50%	Typical	588.00	12.3/34.5					12.1/0.2	3.4/7.6	5.2/9.5	5/2.2	512.73	87.20%
10.54	0.9973	5.88%	100%	Full	1209.80	12.2/69					12/0.4	3.4/15.4	5.2/19.1	5/4.3	1021.10	84.40%



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/>

