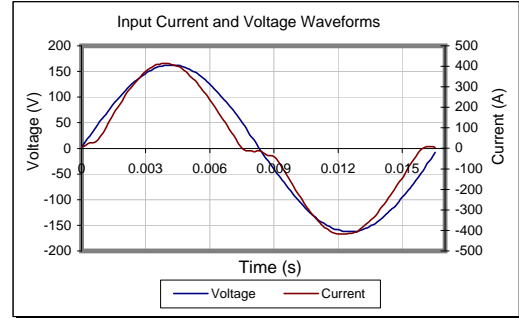


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.88%
AVERAGE EFFICIENCY :	91.84%
80 PLUS COMPLIANT:	YES



Ecos ID #	2205
Manufacturer	SUPER FLOWER COMPUTER INC.
Model Number	SF-550P14PE
Serial Number	S1008005002
Year	2010
Type	EPS12V
Test Date	9/21/2010

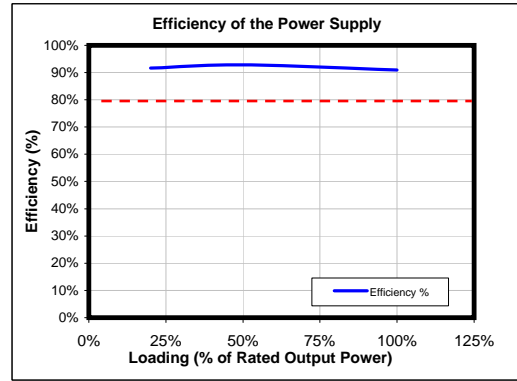
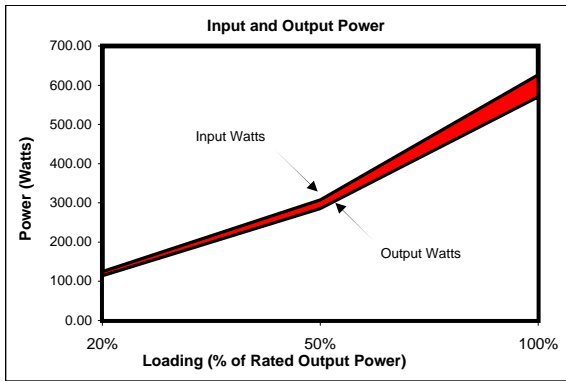


Input AC Current Waveform (ITHD = 18.2%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

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

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.)						
1.13	0.96	24.04%	20%	Light	124.85	12.4/7.9	12.3/0.1	3.5/1.6	5.2/1.6	5.2/0.4	114.41	91.64%
2.73	0.98	18.20%	50%	Typical	307.40	12.4/19.6	12.2/0.2	3.5/3.9	5.2/3.9	5.2/1.1	285.50	92.88%
5.51	0.99	12.36%	100%	Full	626.90	12.4/39.3	12.2/0.4	3.4/7.8	5.2/7.9	5.2/2.2	570.44	90.99%



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/>

