

## 80 PLUS Verification and Testing Report

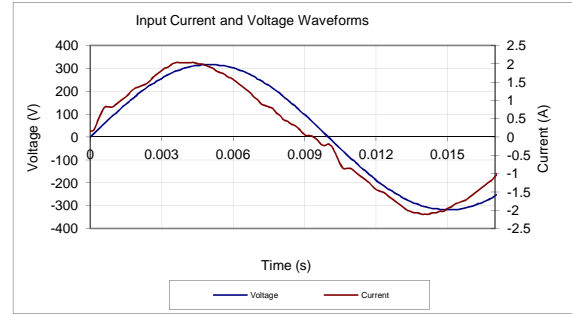
TYPICAL EFFICIENCY (50% Load):	90.91%
AVERAGE EFFICIENCY :	89.69%
80 PLUS COMPLIANT:	YES



Ecos ID #	EU-059
Manufacturer	Super Flower Computer Inc.
Model Number	SF-550F14MT
Serial Number	N/A
Year	2014
Type	ATX12V, EPS12V
Test Date	12/1/14

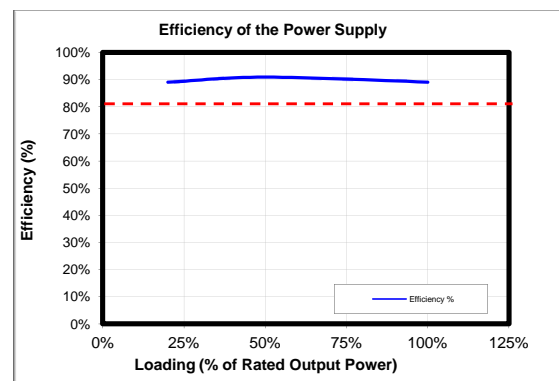
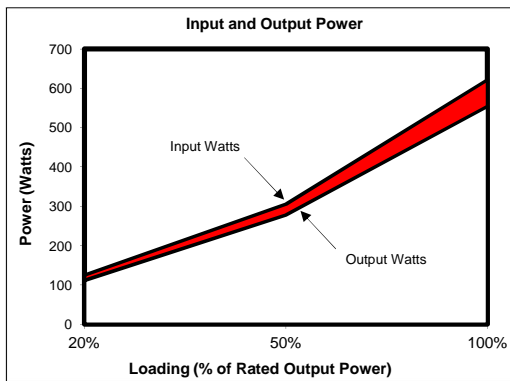
Rated Specifications	Value	Units
Input Voltage	230	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (I<sub>THD</sub> = 7.73%, 50% Load)

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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		
0.36	0.79	21.57%	10%	65.94	12.14/3.71	12/0.04	3.32/1.08	5.03/1.08	5.1/0.24	55.81	84.63%
0.60	0.91	11.88%	20%	125.40	12.14/7.44	11.98/0.08	3.32/2.15	5.03/2.14	5.08/0.49	111.67	89.05%
1.36	0.98	7.73%	50%	305.90	12.13/18.54	11.93/0.2	3.32/5.38	5.03/5.34	5.05/1.22	278.09	90.91%
2.74	0.99	9.03%	100%	622.40	12.11/37.03	11.85/0.41	3.31/10.75	5.02/10.68	4.98/2.44	554.56	89.10%



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/>

