

80 PLUS Verification and Testing Report

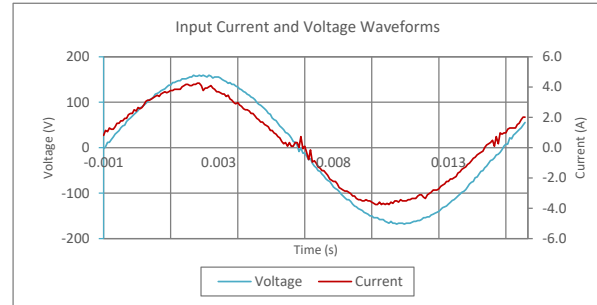
TYPICAL EFFICIENCY (50% Load):	90.77%
AVERAGE EFFICIENCY :	89.90%
80 PLUS COMPLIANT:	YES



ID Number	5323
Manufacturer	Super Flower Computer Inc.
Model Number	SF-550F14HG
Serial Number	N/A
Year	2018
Type	ATX12V, EPS12V
Test Date	6/27/18

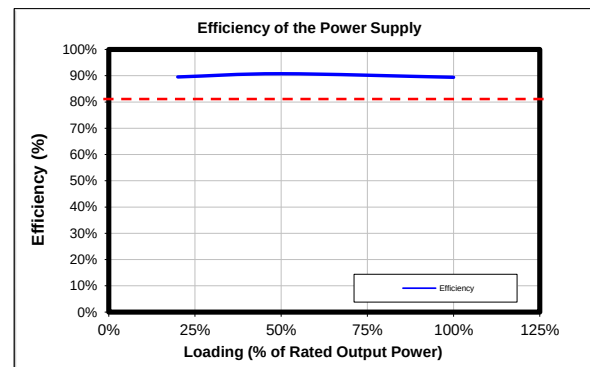
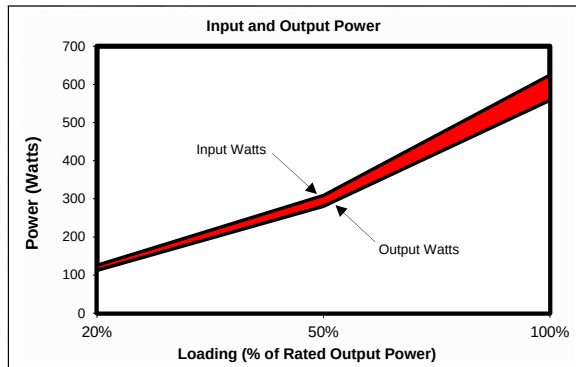
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (THD = 4.83%, 50% Load)

I _{RMS}	PF	I _{THD}	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		
0.63	0.89	9.85%	10%	65.16	12.26/3.77	11.89/0.04	3.33/0.99	5.04/0.99	5.1/0.25	56.25	86.32%
1.15	0.95	8.83%	20%	125.48	12.24/7.55	11.87/0.08	3.33/1.98	5.04/1.97	5.09/0.49	112.34	89.53%
2.73	0.99	4.83%	50%	309.00	12.22/18.87	11.83/0.21	3.33/4.94	5.04/4.9	5.07/1.23	280.47	90.77%
5.46	0.99	4.96%	100%	624.30	12.19/37.68	11.77/0.41	3.31/9.89	5.02/9.79	5.02/2.46	558.15	89.40%



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/>

