

80 PLUS Verification and Testing Report

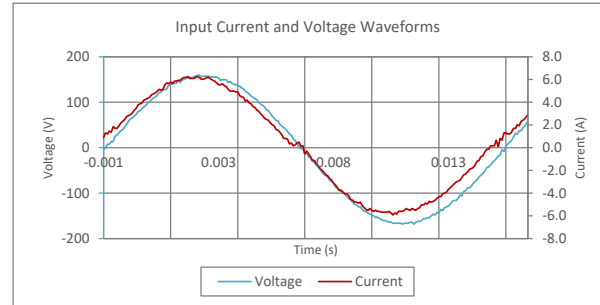
TYPICAL EFFICIENCY (50% Load):	91.38%
AVERAGE EFFICIENCY :	89.94%
80 PLUS COMPLIANT:	YES



ID Number	5320
Manufacturer	Super Flower Computer Inc.
Model Number	SF-850F14HG
Serial Number	N/A
Year	2018
Type	ATX12V, EPS12V
Test Date	6/26/18

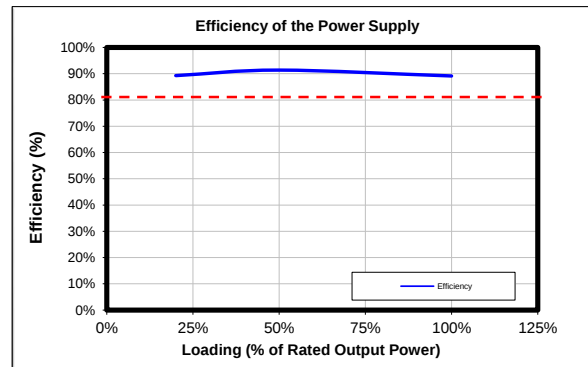
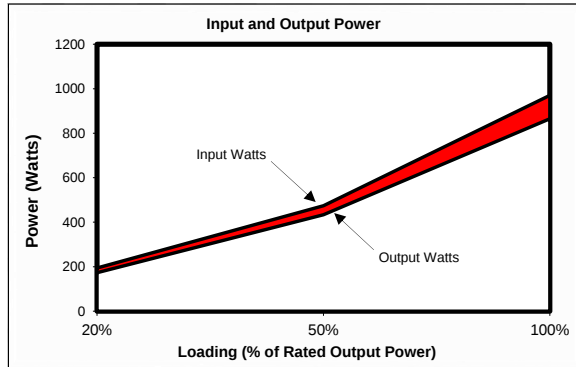
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (THD = 4.28%, 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		
0.95	0.93	11.61%	10%	101.67	12.24/6.19	11.94/0.04	3.32/1.06	5.02/1.06	5.09/0.26	86.47	85.05%
1.75	0.97	7.26%	20%	194.15	12.24/12.42	11.92/0.09	3.32/2.11	5.02/2.1	5.08/0.53	173.34	89.28%
4.16	0.99	4.28%	50%	474.40	12.23/31.12	11.88/0.22	3.32/5.28	5.01/5.24	5.06/1.31	433.51	91.38%
8.47	1.00	4.87%	100%	970.30	12.2/62.22	11.81/0.44	3.31/10.56	5.01/10.45	5.03/2.63	864.99	89.15%



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/>

