

80 PLUS Verification and Testing Report

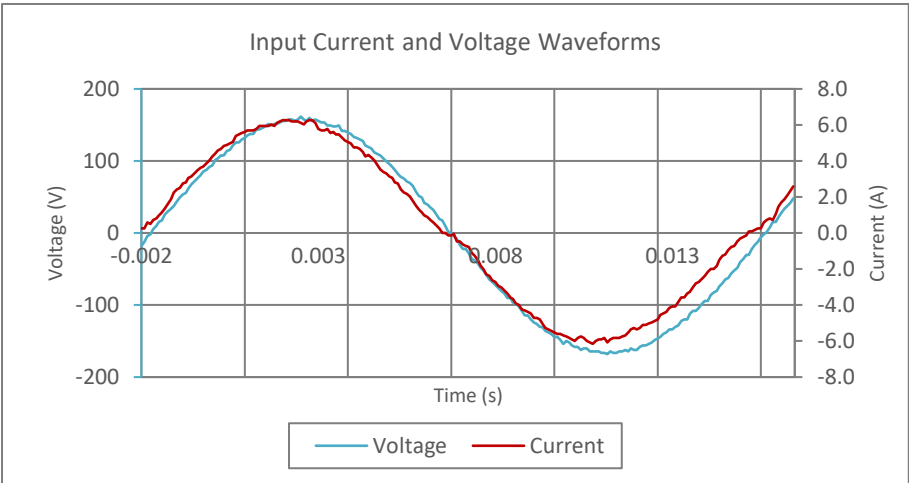
TYPICAL EFFICIENCY (50% Load):	89.53%
AVERAGE EFFICIENCY :	87.90%
80 PLUS COMPLIANT:	YES



ID Number	6316
Manufacturer	Super Flower Computer Inc.
Model Number	SF-850F14MS
Serial Number	N/A
Year	2021
Type	ATX12V,EPS12V
Test Date	1/15/21

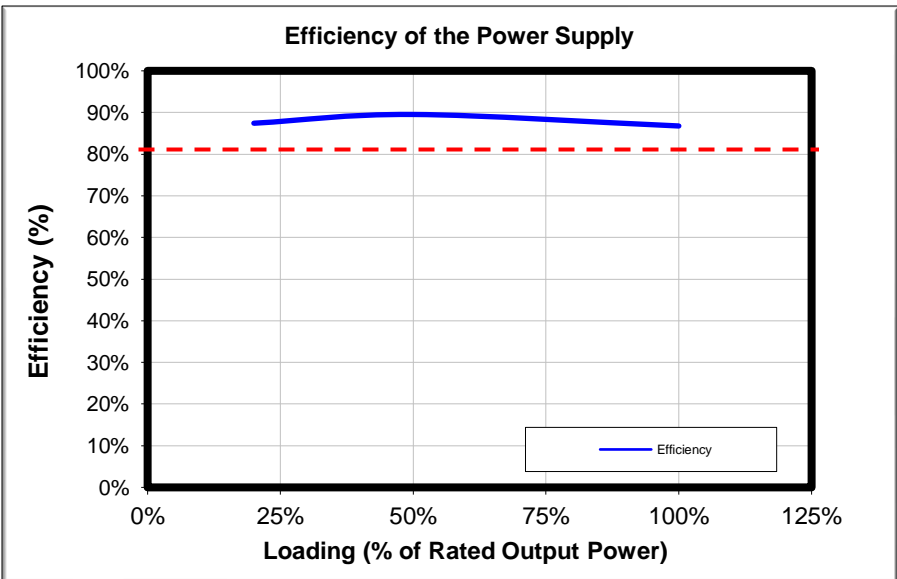
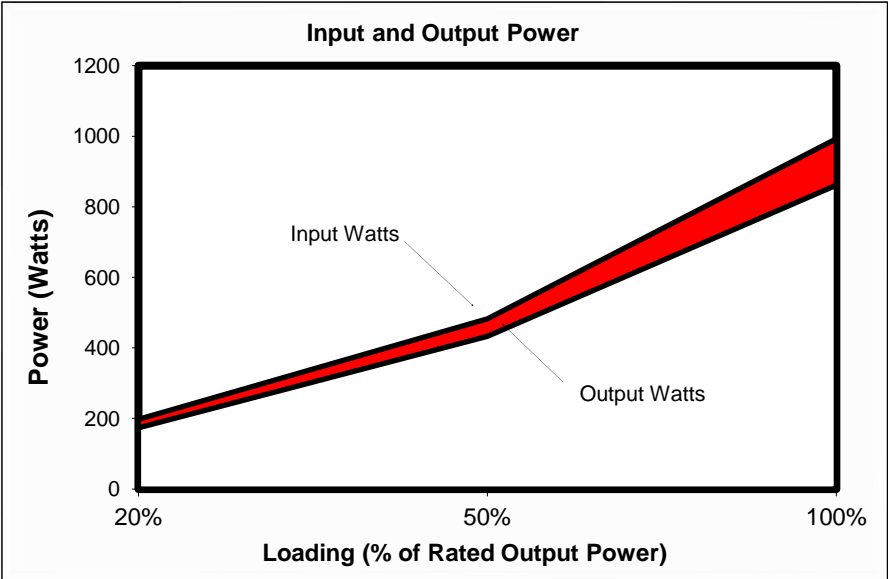
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 4.66%, 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		
0.97	0.95	7.71%	10%	105.47	12.19/6.1	12.35/0.04	3.32/1.24	5.05/1.24	5.04/0.26	86.49	82.00%
1.76	0.98	5.06%	20%	197.93	12.18/12.2	12.26/0.09	3.35/2.48	5.05/2.47	5.11/0.51	173.03	87.42%
4.23	0.99	4.66%	50%	483.00	12.17/30.53	12.13/0.21	3.34/6.2	5.04/6.15	5.06/1.29	432.41	89.53%
8.67	1.00	5.62%	100%	992.80	12.15/60.92	11.97/0.43	3.35/12.43	5.04/12.29	4.98/2.57	861.35	86.76%



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/>