

80 PLUS Verification and Testing Report

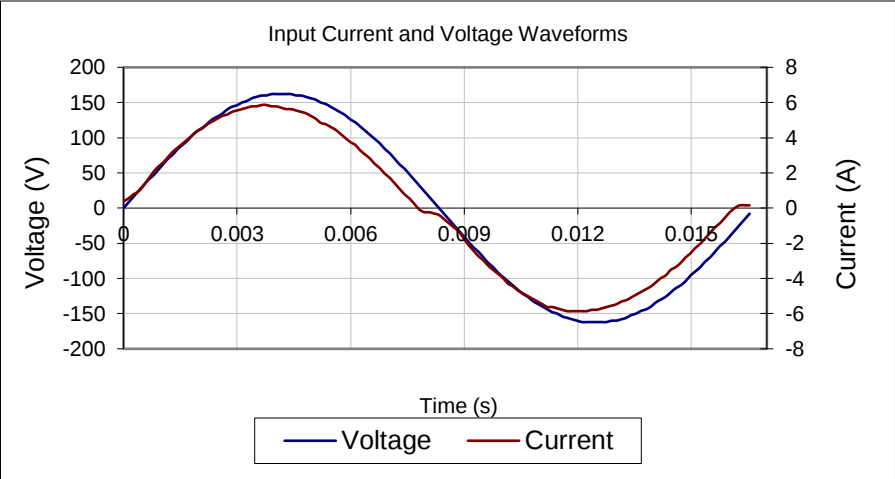
TYPICAL EFFICIENCY (50% Load):	91.27%
AVERAGE EFFICIENCY :	89.94%
80 PLUS COMPLIANT:	YES



ID Number	4749.1
Manufacturer	Super Flower Computer Inc.
Model Number	SF-850F14GE
Serial Number	N/A
Year	2016
Type	ATX12V, EPS12V
Test Date	10/28/16

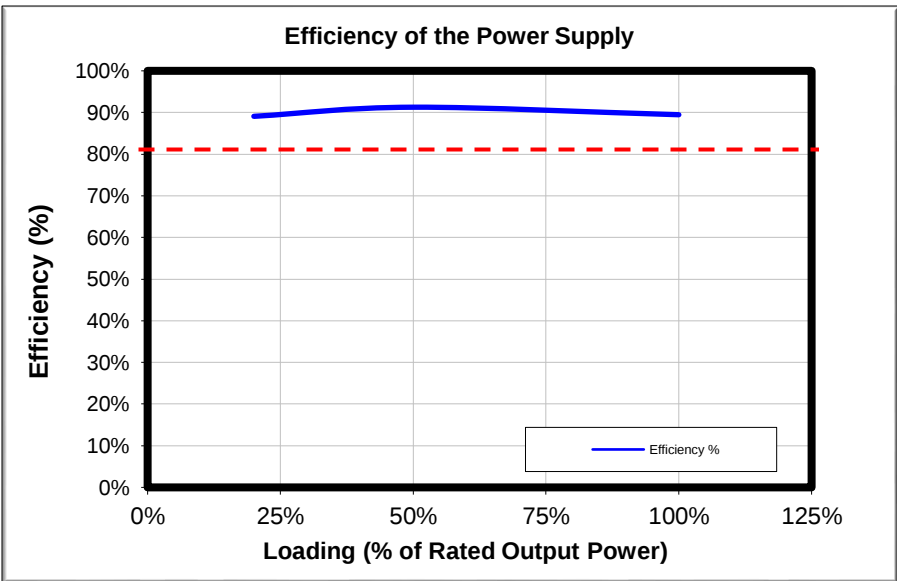
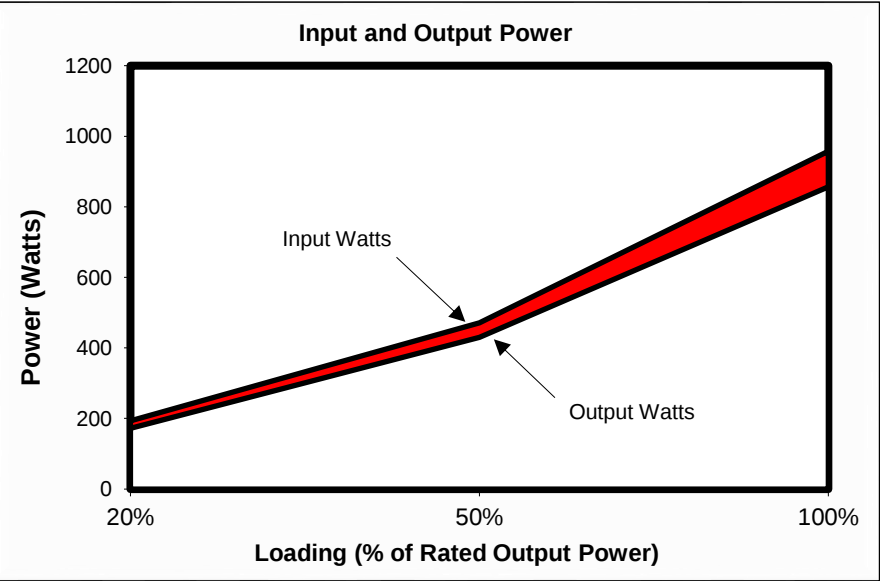
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 5.56%, 50% Load)

I _{RMS} A	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	0.92	12.42%	10%	102.78	12.14/6.11	12.05/0.04	3.32/1.24	5.04/1.24	5.09/0.26	86.43	84.09%
1.74	0.96	9.04%	20%	193.22	12.14/12.18	12.04/0.09	3.32/2.48	5.04/2.47	5.03/0.51	172.11	89.08%
4.14	0.99	5.56%	50%	471.80	12.13/30.52	12.01/0.21	3.31/6.2	5.04/6.15	5.06/1.29	430.60	91.27%
8.37	1.00	5.70%	100%	957.50	12.1/60.82	11.95/0.43	3.31/12.37	5.03/12.3	5.02/2.57	856.63	89.47%



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/>

