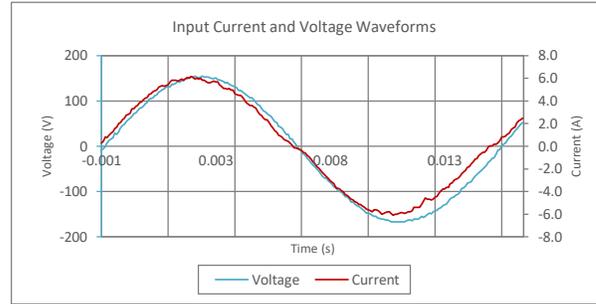


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.19%
AVERAGE EFFICIENCY :	90.13%
80 PLUS COMPLIANT:	YES



ID Number	5596
Manufacturer	Super Flower Computer Inc.
Model Number	SF-850F14RG
Serial Number	S1906198822
Year	2019
Type	ATX12V, EPS12V
Test Date	7/8/19

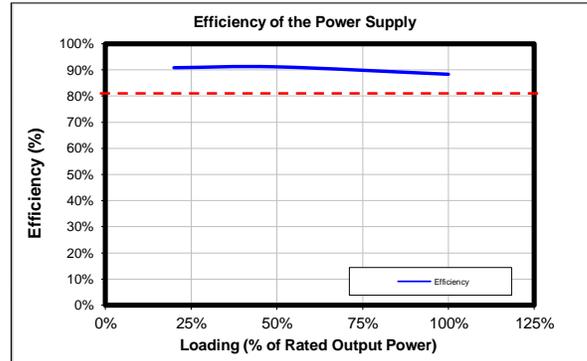
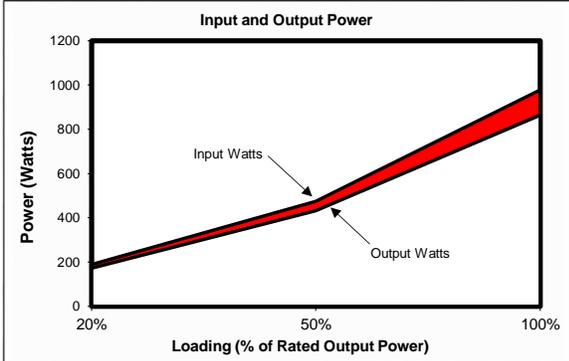


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 4.51%, 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
0.93	0.92	8.72%	10%	98.50	12.15/6.23		12.35/0.04	3.33/1.06	5.02/1.06	5.1/0.26	86.30	87.61%
1.70	0.97	5.79%	20%	189.50	12.14/12.42		12.31/0.09	3.34/2.11	5.02/2.1	5.09/0.53	172.17	90.86%
4.15	0.99	4.51%	50%	473.40	12.15/31.15		12.23/0.22	3.36/5.28	5.02/5.24	5.05/1.31	431.70	91.19%
8.55	0.99	5.39%	100%	978.00	12.18/62.19		12.18/0.44	3.39/10.56	5.01/10.45	4.98/2.63	864.04	88.35%



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/>

