

80 PLUS Verification and Testing Report

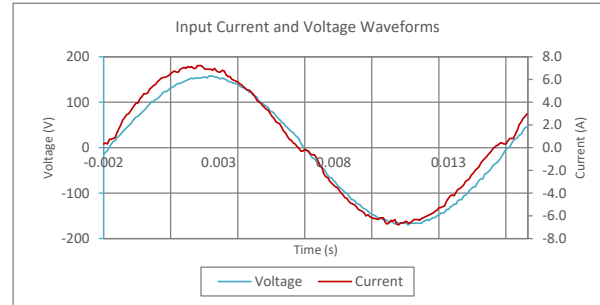
TYPICAL EFFICIENCY (50% Load):	92.99%
AVERAGE EFFICIENCY :	92.02%
80 PLUS COMPLIANT:	YES



ID Number	6210
Manufacturer	Super Flower Computer Inc.
Model Number	SF-1000F14PE
Serial Number	N/A
Year	2020
Type	ATX12V, EPS12V
Test Date	11/20/20

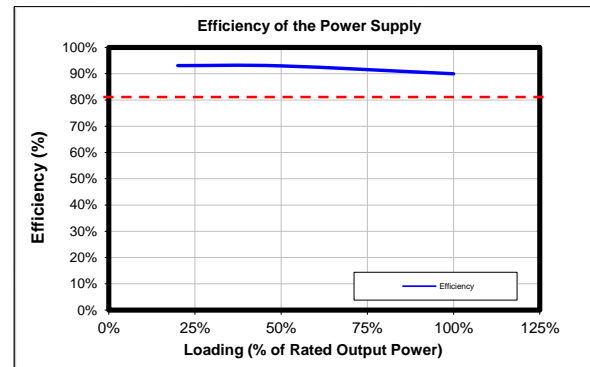
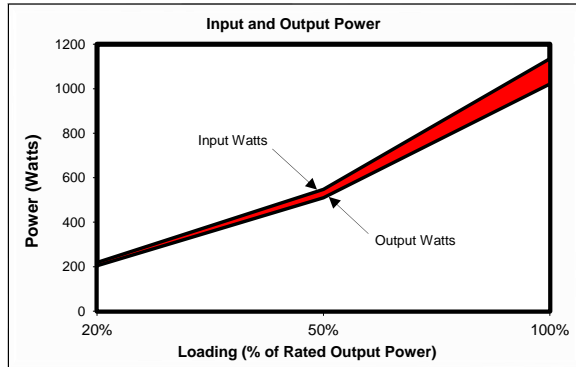
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (I_{THD} = 4.74%, 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		
1.18	0.83	15.34%	10%	112.39	12.19/7.48	11.99/0.04	3.32/1.08	5.04/1.08	5.1/0.22	101.83	90.61%
2.06	0.92	7.14%	20%	219.02	12.19/14.97	11.97/0.09	3.34/2.16	5.04/2.15	5.1/0.45	203.89	93.09%
4.86	0.98	4.74%	50%	548.10	12.2/37.41	11.92/0.22	3.37/5.39	5.04/5.34	5.08/1.12	509.66	92.99%
9.93	0.99	4.37%	100%	1135.00	12.25/74.7	11.84/0.45	3.32/10.79	5.03/10.68	5.05/2.24	1021.23	89.98%



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/>

