

80 PLUS Verification and Testing Report

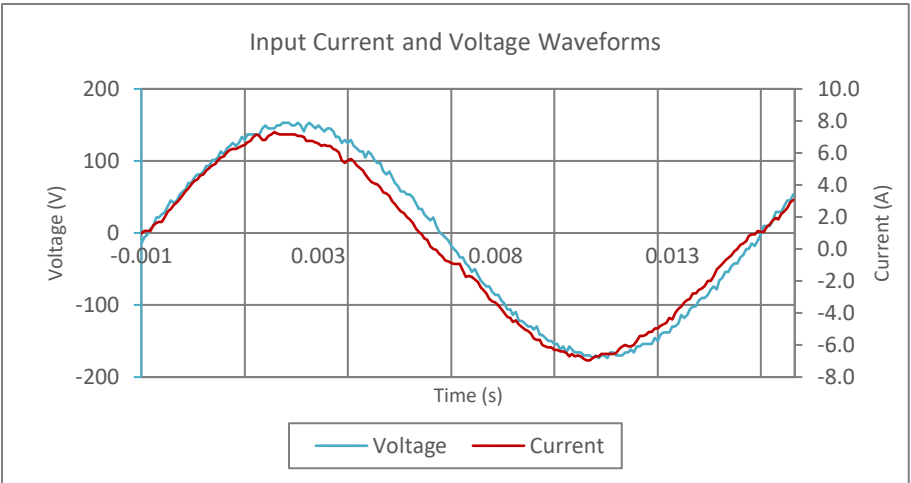
TYPICAL EFFICIENCY (50% Load):	92.93%
AVERAGE EFFICIENCY :	91.89%
80 PLUS COMPLIANT:	YES



ID Number	6463
Manufacturer	Super Flower Computer Inc.
Model Number	SF-1000F14XP
Serial Number	N/A
Year	2021
Type	ATX12V, EPS12V
Test Date	2/4/21

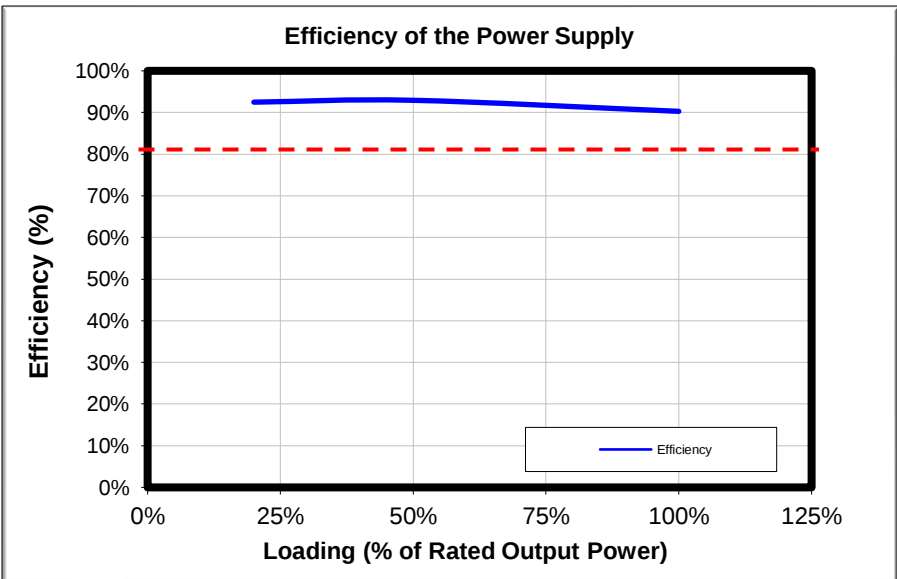
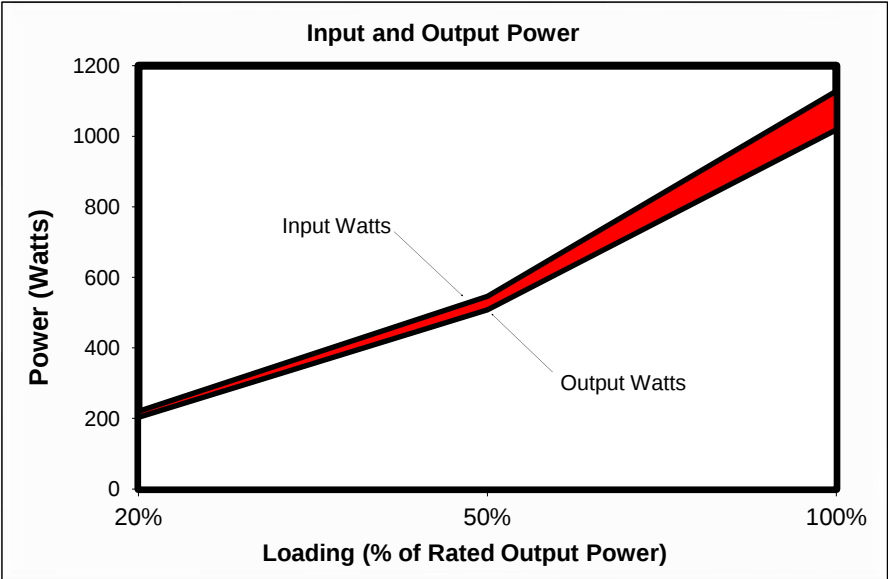
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	60/50	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 6.21%, 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		
1.12	0.88	10.24%	10%	112.39	12.15/7.47	11.94/0.04	3.32/1.08	5.06/1.08	5.07/0.22	101.42	90.24%
2.02	0.94	10.25%	20%	219.86	12.16/14.97	11.91/0.09	3.33/2.16	5.05/2.15	5.07/0.45	203.33	92.48%
4.83	0.98	6.21%	50%	546.70	12.16/37.4	11.86/0.22	3.34/5.39	5.05/5.34	5.05/1.12	508.04	92.93%
9.91	0.99	5.84%	100%	1128.00	12.2/74.72	11.77/0.45	3.36/10.79	5.04/10.68	5.02/2.24	1018.32	90.28%



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/>