

80 PLUS Verification and Testing Report

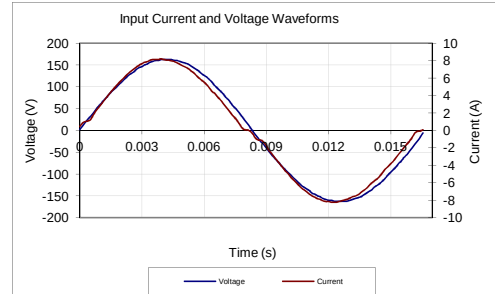
TYPICAL EFFICIENCY (50% Load):	92.44%
AVERAGE EFFICIENCY :	91.33%
80 PLUS COMPLIANT:	YES



Ecos ID #	3595
Manufacturer	Super Flower
Model Number	SF-1200F14MP
Serial Number	NA
Year	2013
Type	ATX12V/EPS12V
Test Date	5/21/13

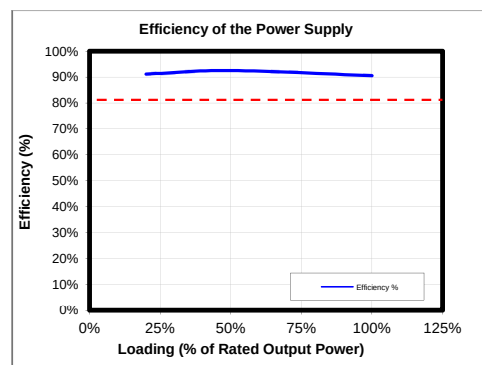
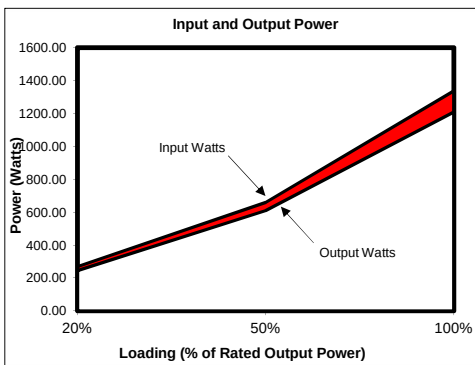
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	60-50	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 6.24%, 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		
1.35	0.95	6.75%	10%	147.65	12.2/9.1	12.1/0.1	3.3/1.1	5/1.1	5.1/0.2	122.42	82.91%
2.37	0.99	12.00%	20%	269.40	12.2/18.3	12.1/0.1	3.3/2.2	5/2.2	5.1/0.5	245.35	91.07%
5.76	1.00	6.24%	50%	660.20	12.2/45.6	12.1/0.2	3.3/5.5	5/5.5	5/1.1	610.29	92.44%
11.67	1.00	6.32%	100%	1338.00	12.2/90.6	12/0.5	3.3/11	5/11	5/2.3	1210.42	90.47%



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/>

