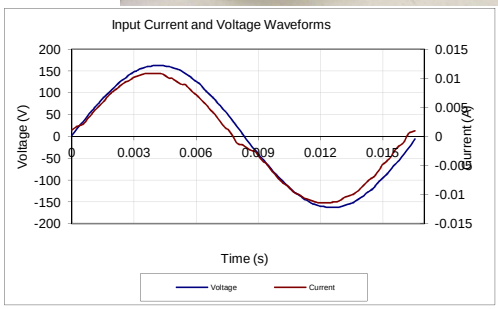
80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	**95.03%**
AVERAGE EFFICIENCY :	**94.25%**
80 PLUS COMPLIANT:	**YES**

Ecos ID #	3994
Manufacturer	Super Flower Computer Inc.
Model Number	SF-1300F14MT
Serial Number	NA
Year	2014
Type	ATX12V,EPS12V
Test Date	6/18/14

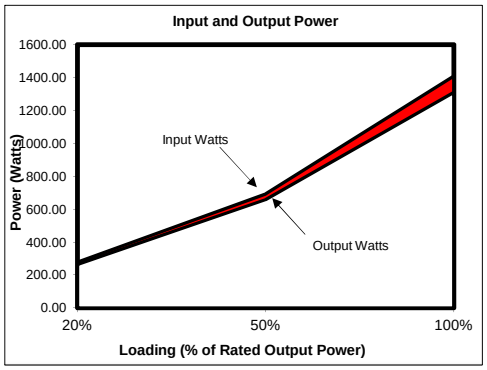
Rated Specifications	**Value**	**Units**
Input Voltage	100-240	Volts
Input Current	15	Amps
Input Frequency	60/50	Hz
Rated Output Power	**1300**	**Watts**

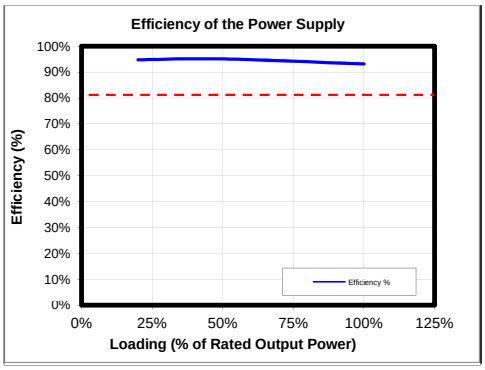
Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.99%, 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		
1.26	0.98	10.16%	10%	142.21	12.2/9.9	12/0.1	3.3/1.1	5/1.1	5/0.2	131.82	**92.70%**
2.44	0.99	7.91%	20%	279.20	12.2/20	12/0.1	3.3/2.2	5/2.2	5/0.5	264.38	**94.69%**
6.04	1.00	5.99%	50%	693.60	12.2/49.8	12/0.2	3.3/5.5	5/5.5	5/1.2	659.15	**95.03%**
12.27	1.00	4.55%	100%	1410.00	12.1/99.1	11.9/0.5	3.3/11	5/11	4.9/2.3	1311.75	**93.03%**





PLUG LOAD solutions

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/*

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