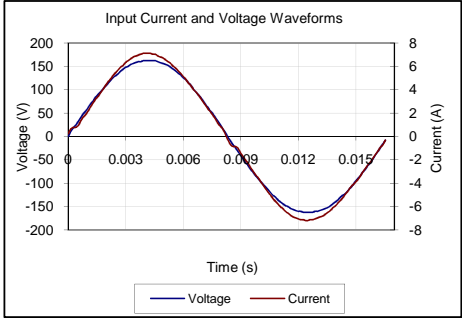


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.46%
AVERAGE EFFICIENCY :	89.26%
80 PLUS COMPLIANT:	YES



Ecos ID #	1482
Manufacturer	SUPER FLOWER
Model Number	SF-500P14XE
Serial Number	S0906005004
Year	2009
Type	ATX12V & EPS12V
Test Date	6/12/2009

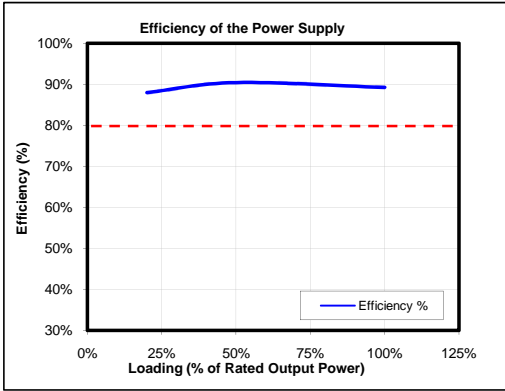
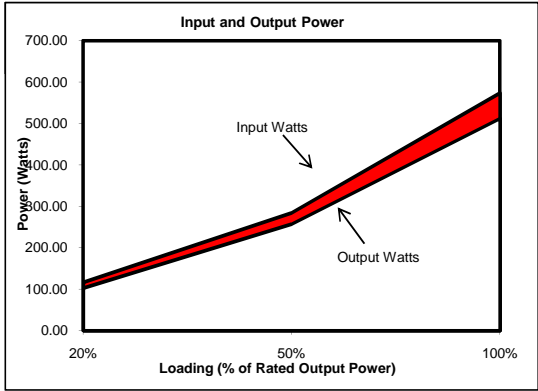


Input AC Current Waveform (ITHD = 6.89%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	10	Amps
Input Frequency	60/50	Hz
Rated Output Power	500	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Fraction of 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		
1.03	0.9829	10.89%	20%	Light	116.73	12.3/7	12.3/0.1	3.5/1.5	5.2/1.5	5.2/0.4	102.76	88.03%
2.48	0.9962	6.89%	50%	Typical	284.50	12.3/17.7	12.1/0.2	3.5/3.8	5.2/3.7	5.2/1.1	257.36	90.46%
4.99	0.9982	4.41%	100%	Full	573.90	12.2/35.3	11.8/0.4	3.4/7.5	5.2/7.5	5.1/2.1	512.46	89.29%



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/>

