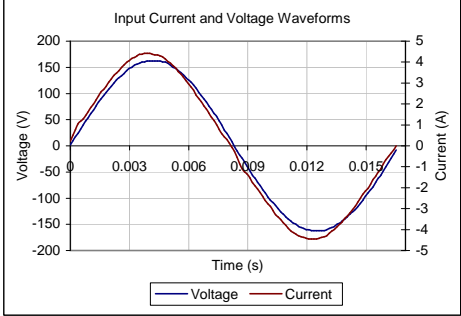


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.60%
AVERAGE EFFICIENCY :	83.52%
80 PLUS COMPLIANT:	YES



Ecos ID #	1432.1
Manufacturer	SPARKLE
Model Number	SPI300F4BB
Serial Number	S9111000018
Year	2009
Type	FLEX
Test Date	5/20/2009

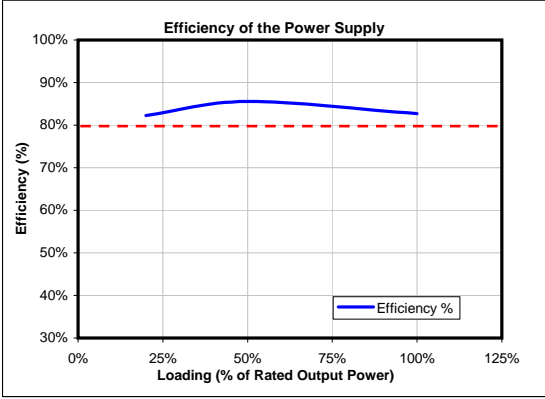
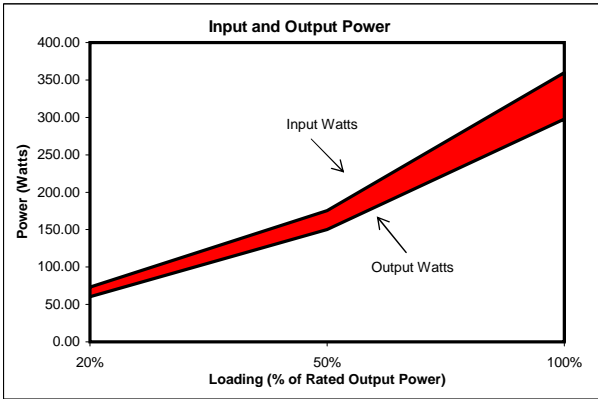


Input AC Current Waveform (THD = 5.89%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	60-50	Hz
Rated Output Power	300	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		
0.65	0.9789	8.61%	20%	Light	73.19	12/3.3	12/0.1	3.3/1.9	5/2.2	5.1/0.4	60.18	82.22%
1.54	0.9911	5.89%	50%	Typical	175.51	12/8.3	12/0.2	3.3/4.8	5/5.4	5.1/1	150.23	85.60%
3.14	0.9975	3.19%	100%	Full	359.90	11.9/16.7	12/0.3	3.3/9.7	5/10.9	5.1/2	297.74	82.73%



These tests were conducted as a part of the 80 PLUS program. 80 PLUS is a computer buy-down program to promote high-efficiency power supplies (greater than 80% efficiency in the active mode) in desktop computers and desktop-derived servers.



Tested by Electric Power Research Institute, Knoxville, TN.