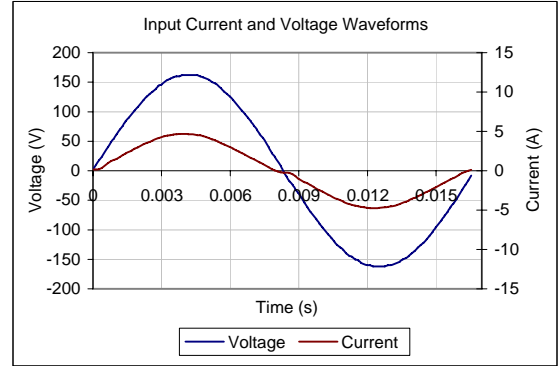


# 80 PLUS Verification and Testing Report



<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>84.29%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>82.34%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	327.1
<b>Manufacturer</b>	Sparkle Power Inc.
<b>Model Number</b>	SPI300GLS
<b>Serial Number</b>	NA
<b>Year</b>	2007
<b>Type</b>	CUSTOM
<b>Test Date</b>	11/13/2007

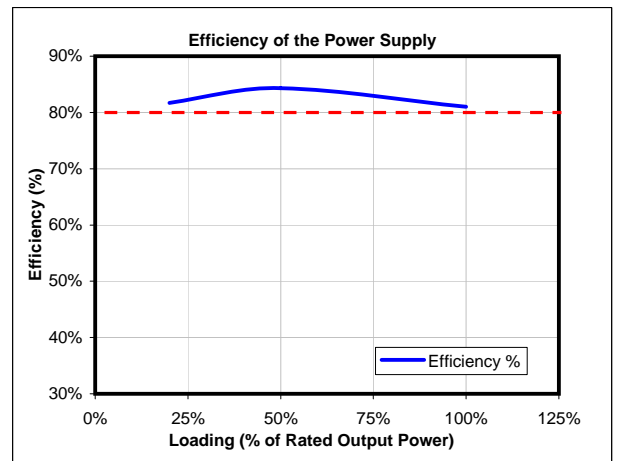
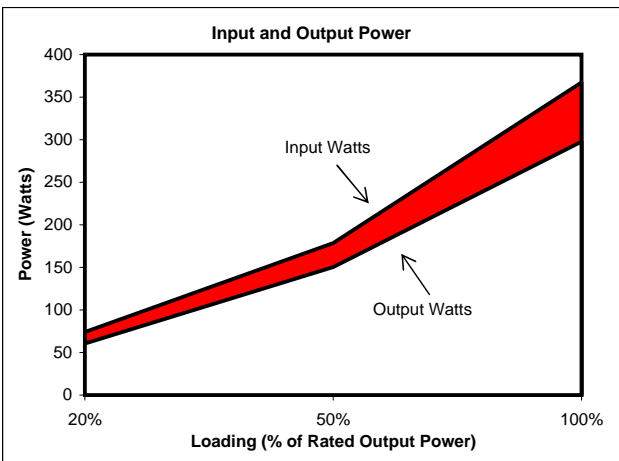


Input AC Current Waveform (ITHD = 13.1%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>300</b>	<b>Watts</b>

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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
0.66	0.98	20.0%	20%	Light	74	12.1/3.7	11.5/0.1	3.3/1.8	5.1/1.6	5.1/0.2	61	81.72%
1.57	0.99	13.1%	50%	Typical	179	12/9.2	11.6/0.1	3.3/4.6	5/4.1	5/0.6	151	84.29%
3.21	1.00	8.6%	100%	Full	367	11.9/18.3	11.6/0.3	3.2/9.1	5/8.2	4.9/1.1	298	81.01%



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.