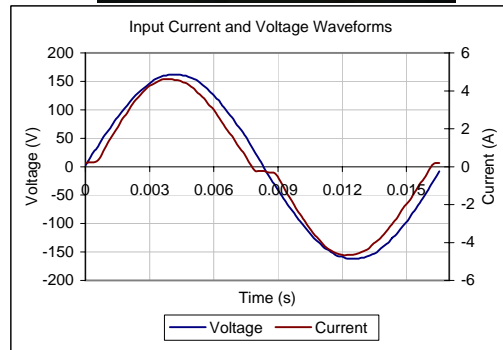


80 PLUS Verification and Testing Report



TYPICAL EFFICIENCY (50% Load):	85.46%
AVERAGE EFFICIENCY :	83.56%
80 PLUS COMPLIANT:	YES

Ecos ID #	1290.1
Manufacturer	SPI
Model Number	SPI300A8BB
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	1/29/2009

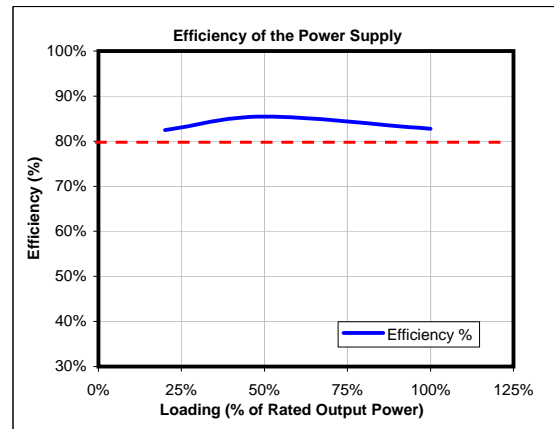
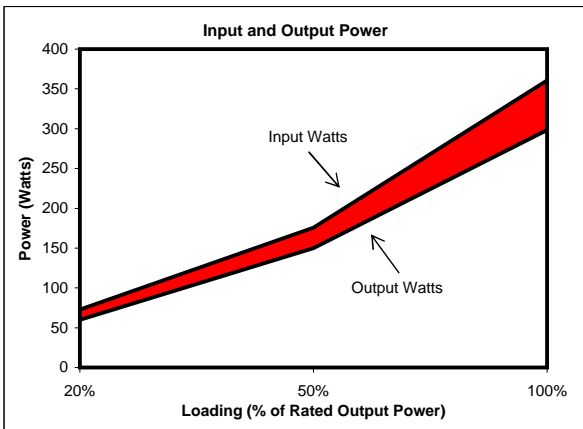


Input AC Current Waveform (ITHD = 14.99%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	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	0.98	14.7%	20%	Light	73	12/3.3		12/0	3.3/2.6	5.1/1.8	4.9/0.4	60	82.50%
1.55	0.97	15.0%	50%	Typical	176	12/8.2		12/0.1	3.3/6.5	5/4.6	4.9/1.1	150	85.46%
3.16	0.99	12.6%	100%	Full	361	12/16.5		12/0.3	3.3/12.9	5/9.2	4.9/2.2	298	82.73%



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/>

