

# 80 PLUS Verification and Testing Report

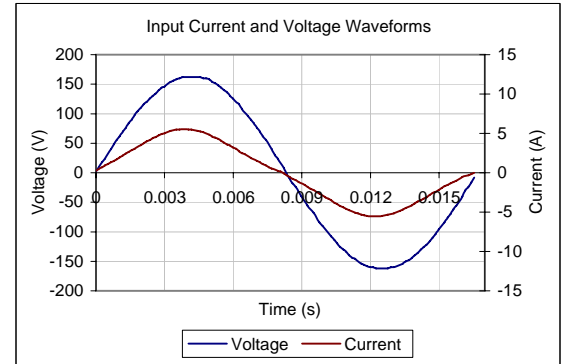
**TYPICAL EFFICIENCY (50% Load):** 84.42%  
**AVERAGE EFFICIENCY :** 82.59%  
**80 PLUS COMPLIANT:** YES



Ecos ID #	720.1
Manufacturer	SPI
Model Number	SPI350T4R8
Serial Number	S8160100047
Year	2008
Type	FLEX ATX
Test Date	6/30/2008

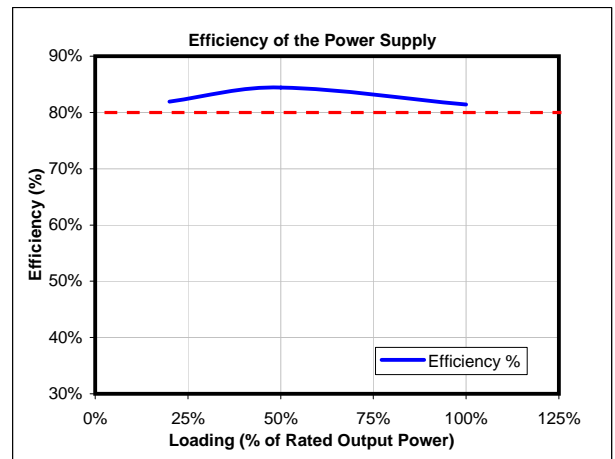
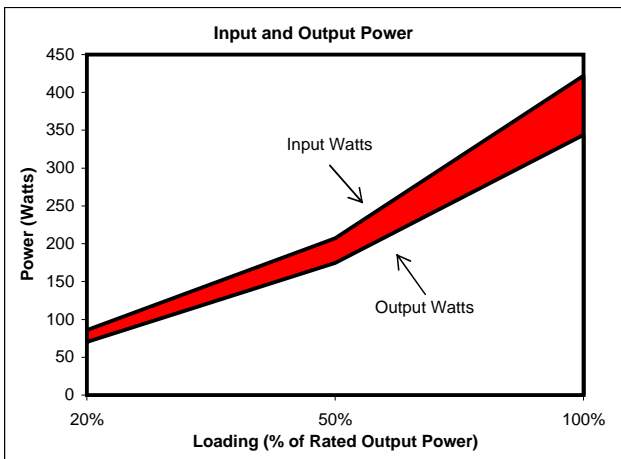
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7	Amps
Input Frequency	50-60	Hz
Rated Output Power	350	Watts

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



Input AC Current Waveform (ITHD = 9.87%, 50% Load)

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		
0.77	0.97	13.9%	20%	Light	86	24.2/4.2	11.8/0	3.3/1.9	5/2.2	5.1/0.3	70	81.92%
1.83	0.99	9.9%	50%	Typical	207	24/10.5	11.8/0.1	3.2/4.7	5/5.6	5/0.8	175	84.42%
3.70	0.99	8.9%	100%	Full	422	23.7/20.9	12/0.2	3.1/9.5	4.9/11.2	4.9/1.7	344	81.44%



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/>

