

# 80 PLUS Verification and Testing Report

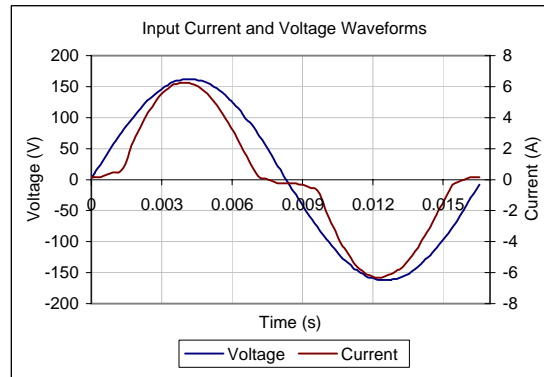
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>83.45%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>81.30%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	1061.1
<b>Manufacturer</b>	SPI
<b>Model Number</b>	SPI350S8H8
<b>Serial Number</b>	NA
<b>Year</b>	2008
<b>Type</b>	SFX12V
<b>Test Date</b>	10/16/2008

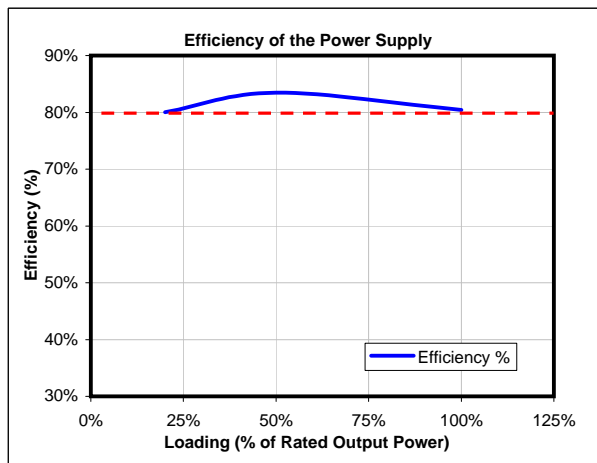
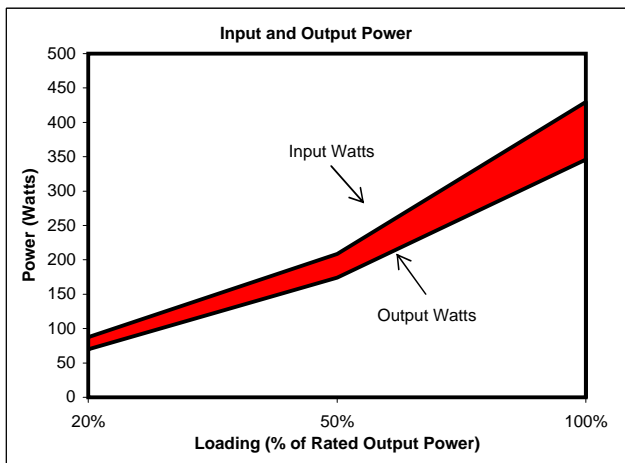
<b>Rated Specifications</b>	<b>Value</b>	<b>Units</b>
Input Voltage	100-240	Volts
Input Current	5.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>350</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 31.65%, 50% Load)

<b>I<sub>RMS</sub> A</b>	<b>PF</b>	<b>I<sub>THD</sub> (%)</b>	<b>Load (%)</b>	<b>Fraction of Load</b>	<b>Input Watts</b>	<b>DC Terminal Voltage (V)/ DC Load Current (A)</b>					<b>Output Watts</b>	<b>Efficiency %</b>
						<b>12V (cumulative of 12V1, 12V2, etc.)</b>	<b>-12V</b>	<b>3.3V</b>	<b>5V*</b>	<b>5VSB</b>		
0.77	0.99	12.7%	20%	Light	87	11.9/3.8	11.8/0.1	3.4/2.4	5.1/2.7	5.1/0.4	70	80.02%
1.92	0.95	31.7%	50%	Typical	209	11.9/9.5	11.8/0.2	3.4/6.1	5/6.7	5/1.1	174	83.45%
3.89	0.96	27.6%	100%	Full	430	11.8/18.9	11.8/0.4	3.4/12.1	4.9/13.4	4.9/2.2	346	80.44%



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/>

