

# 80 PLUS Verification and Testing Report

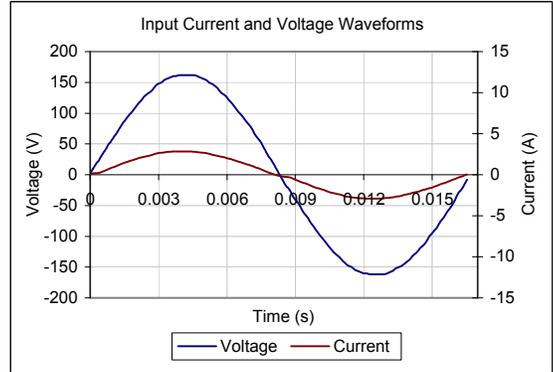


<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.16%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.77%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>

<b>Ecos ID #</b>	219
<b>Manufacturer</b>	SolyTech
<b>Model Number</b>	SL-8220EPS
<b>Serial Number</b>	na
<b>Year</b>	2007
<b>Type</b>	ATX12V & EPS12V
<b>Test Date</b>	6/6/2007

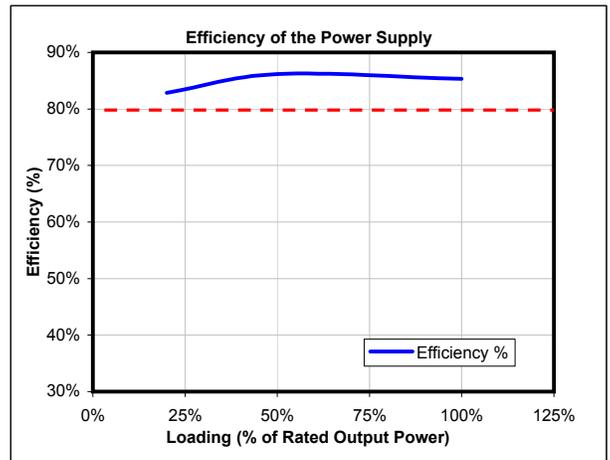
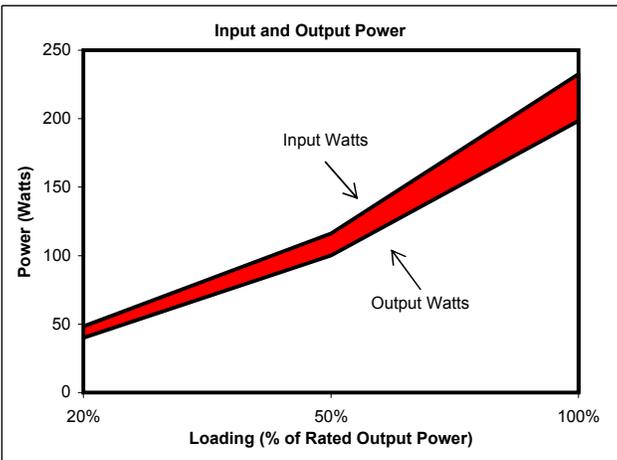
Rated Specifications	Value	Units
Input Voltage	90-264	Volts
Input Current	4	Amps
Input Frequency	47-60	Hz
<b>Rated Output Power</b>	<b>200</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 8.39%, 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.)						
0.43	0.99	14.1%	20%	Light	48	12.1/2.3	12/0.1	3.4/1.5	5.1/0.9	5.1/0.4	40	82.85%
1.02	1.00	8.4%	50%	Typical	116	12.1/5.7	12.1/0.1	3.4/3.8	5/2.3	5/1	100	86.16%
2.03	1.00	5.0%	100%	Full	233	12/11.4	12.1/0.3	3.2/7.6	5/4.6	5/2	198	85.31%



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/>

