

80 PLUS Verification and Testing Report

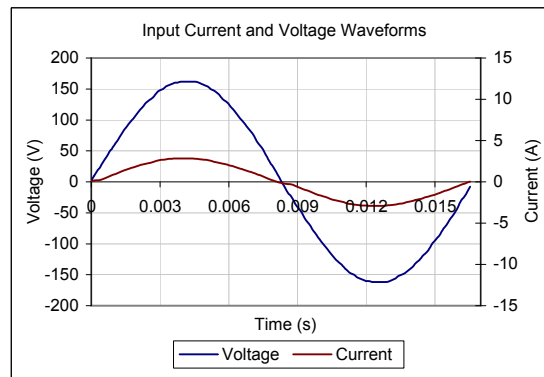
TYPICAL EFFICIENCY (50% Load):	86.16%
AVERAGE EFFICIENCY :	84.77%
80 PLUS COMPLIANT:	YES



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

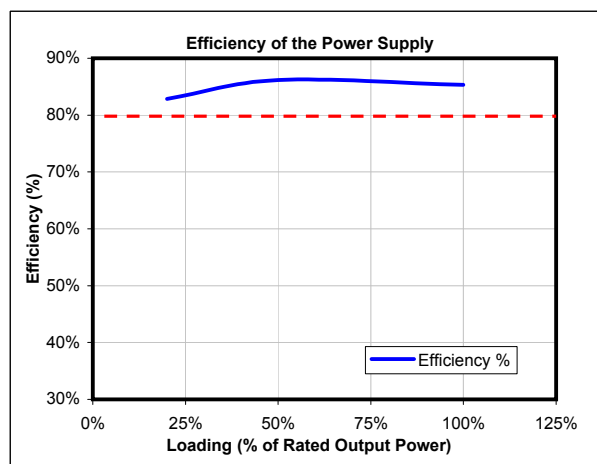
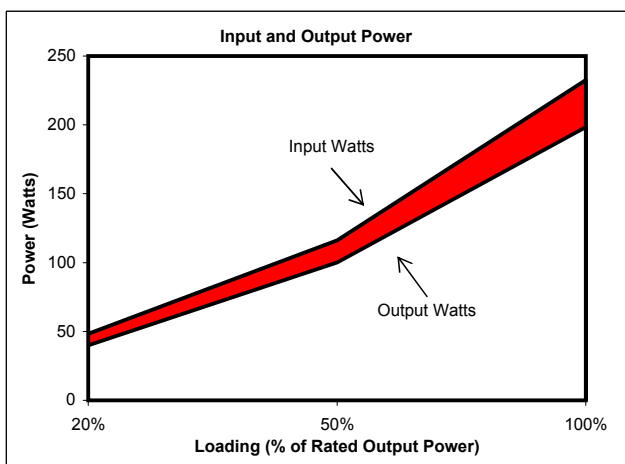
Rated Specifications	Value	Units
Input Voltage	90-264	Volts
Input Current	4	Amps
Input Frequency	47-60	Hz
Rated Output Power	200	Watts

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 _{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		
0.43	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/>

