

80 PLUS Verification and Testing Report

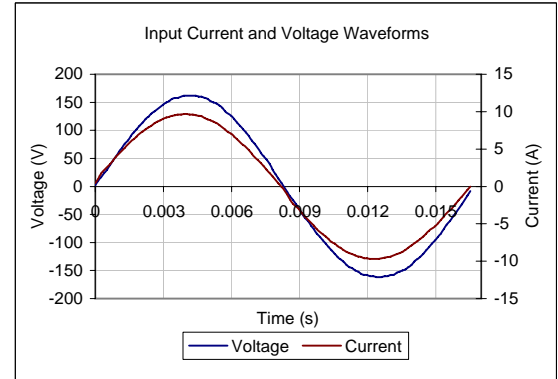
TYPICAL EFFICIENCY (50% Load):	83.83%
AVERAGE EFFICIENCY :	81.89%
80 PLUS COMPLIANT:	YES



Ecos ID #	256
Manufacturer	StarTech.Com
Model Number	EPSP0W650PRO
Serial Number	N/A
Year	2007
Type	ATX12V
Test Date	4/16/2007

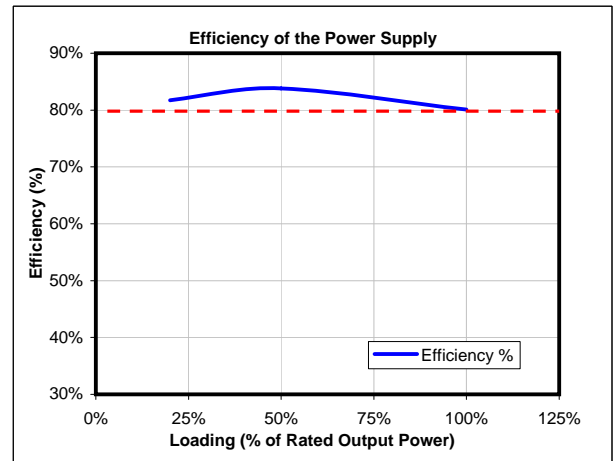
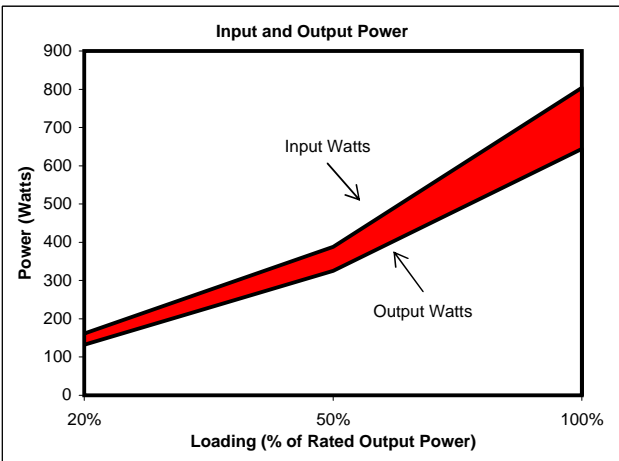
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8	Amps
Input Frequency	60/50	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 3.8%, 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 %
						12V1	12V2	12V3	12V4	-12V	3.3V	5V*	5VSB		
1.47	0.96	8.5%	20%	Light	162	12.2/2.1	12.2/2.1	12.2/2.1	12.2/2.1	12.2/0.1	3.4/2.8	5/3.5	5/0.6	132	81.71%
3.41	0.99	3.8%	50%	Typical	388	12.1/5.1	12.1/5.1	12.1/5.1	12.1/5.2	12.1/0.2	3.4/7	4.8/8.7	4.9/1.5	325	83.83%
7.05	0.99	2.4%	100%	Full	804	12/10.3	11.9/10.3	12.1/10.3	12/10.3	12.1/0.5	3.3/13.9	4.8/17.5	4.7/3	644	80.11%



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/>

