

80 PLUS Verification and Testing Report

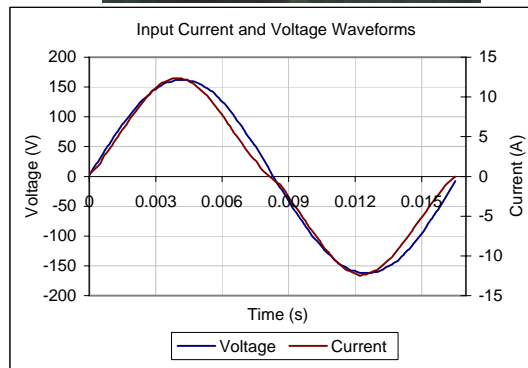
TYPICAL EFFICIENCY (50% Load):	86.87%
AVERAGE EFFICIENCY :	85.31%
80 PLUS COMPLIANT:	YES



Ecos ID #	1235.1
Manufacturer	EVEREST
Model Number	EVEREST 85PLUS 800
Serial Number	N/A
Year	2009
Type	ATX12V
Test Date	1/13/2009

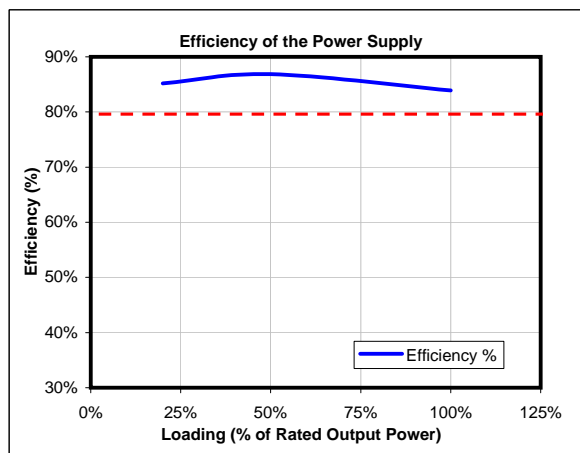
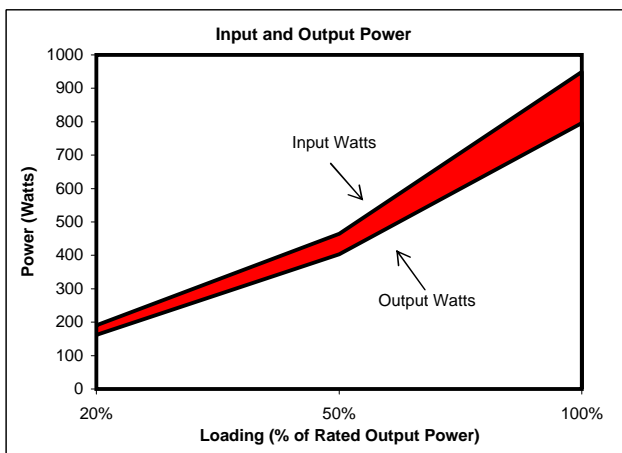
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12.5-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 15.15%, 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		
1.71	0.97	22.1%	20%	Light	190	12.1/11	12.1/0.1	3.4/2.9	5.2/2.9	5.1/0.4	162	85.18%
4.09	0.99	15.2%	50%	Typical	464	12/27.6	12.1/0.3	3.4/7.2	5.2/7.2	5.1/1	403	86.87%
8.29	0.99	9.0%	100%	Full	949	6/55	12.1/0.7	3.3/14.4	5.1/14.5	5/2.1	796	83.89%



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/>

