

80 PLUS Verification and Testing Report

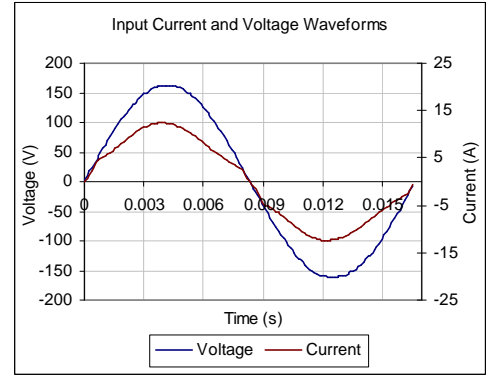


TYPICAL EFFICIENCY (50% Load):	83.76%
AVERAGE EFFICIENCY :	81.86%
80 PLUS COMPLIANT:	YES

Ecos ID #	107
Manufacturer	Topower
Model Number	TOP-800W
Serial Number	N/A
Year	2006
Type	EPS12V
Test Date	9/25/2006

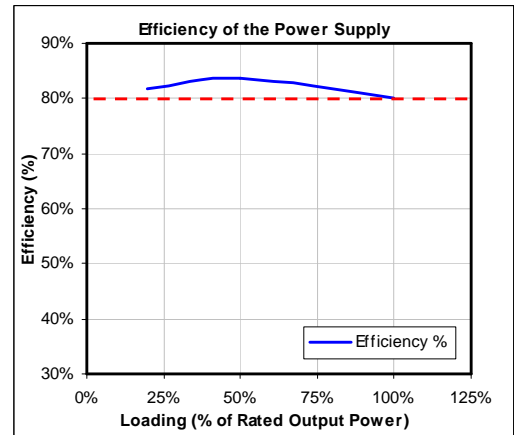
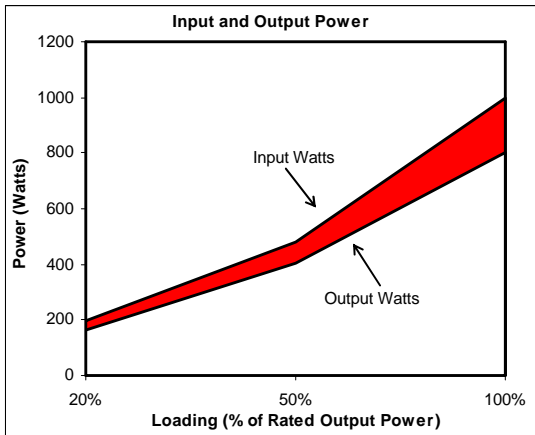
Rated Specifications	Value	Units
Input Voltage	100 - 240	Volts
Input Current	15 - 8	Amps
Input Frequency	60 - 50	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 8.24%, 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		
1.74	0.98	11.2%	20%	Light	198	12.1/2.7	12.1/2.7	12.1/2.7	12.1/2.7	12/0.2	3.4/3.2	5.2/3.2	5/0.6	162	81.74%
4.20	0.99	8.2%	50%	Typical	481	12.1/6.7	12/6.7	12/6.7	12/6.7	12.1/0.4	3.3/8.1	5.2/8	5/1.5	403	83.76%
8.74	0.99	2.1%	100%	Full	999	12/13.4	12/13.4	12/13.4	12/13.4	12.2/0.8	3.2/16.1	5.2/16.1	4.8/3	800	80.08%



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/>

