

## 80 PLUS Verification and Testing Report

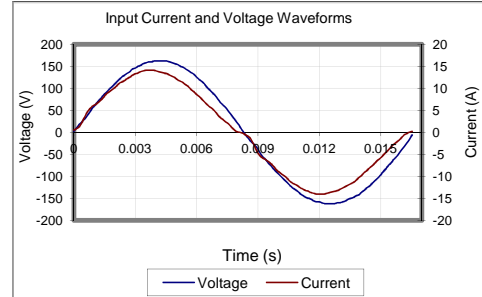
TYPICAL EFFICIENCY (50% Load):	86.45%
AVERAGE EFFICIENCY :	84.83%
80 PLUS COMPLIANT:	YES



Ecos ID #	222.3
Manufacturer	Sentey
Model Number	MBP1000-HM
Serial Number	N/A
Year	2007
Type	ATX12V
Test Date	5/7/2007

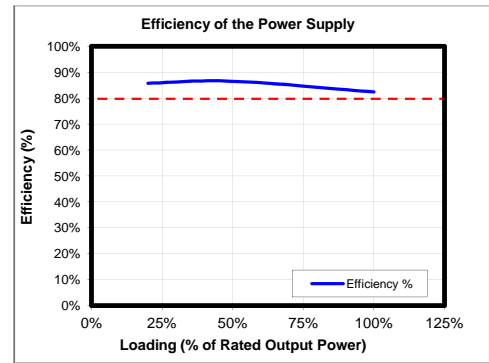
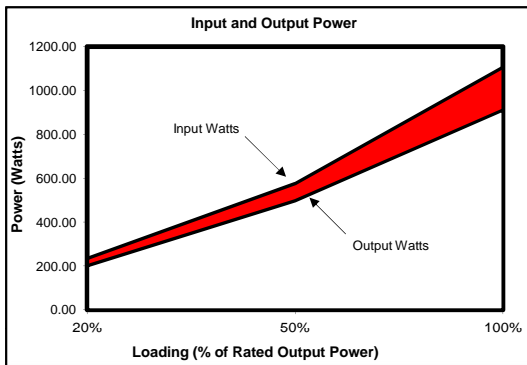
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6A	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 9.54%, 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.)	-12V	3.3V	5V*	5VSB		
2.14	0.96	21.46%	20%	Light	235.00	12.1/13.6	11.8/0.1	3.4/3.6	5.1/3.6	5.1/1.1	201.41	85.71%
5.12	0.98	9.54%	50%	Typical	576.50	12/34	11.8/0.3	3.3/9.1	5/9.1	5/2.6	498.38	86.45%
9.71	0.99	6.31%	100%	Full	1107.90	11.8/62	11.8/0.7	3.2/18.1	4.9/18.1	4.8/5.3	912.28	82.34%



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/>

