

80 PLUS Verification and Testing Report

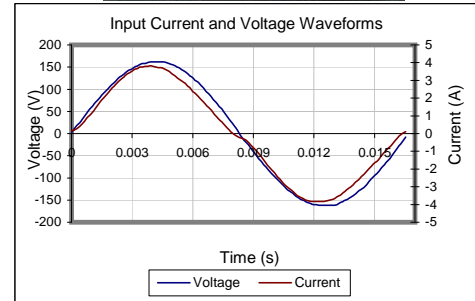
TYPICAL EFFICIENCY (50% Load):	85.78%
AVERAGE EFFICIENCY :	84.48%
80 PLUS COMPLIANT:	YES



Ecos ID #	1794
Manufacturer	SEA SONIC ELECTRONICS CO., LTD.
Model Number	SS-250BT
Serial Number	CO10A90670003
Year	2009
Type	ATX12V
Test Date	12/7/2009

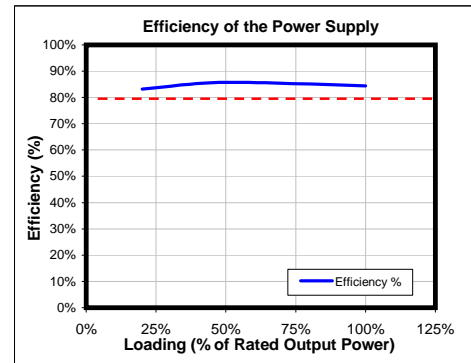
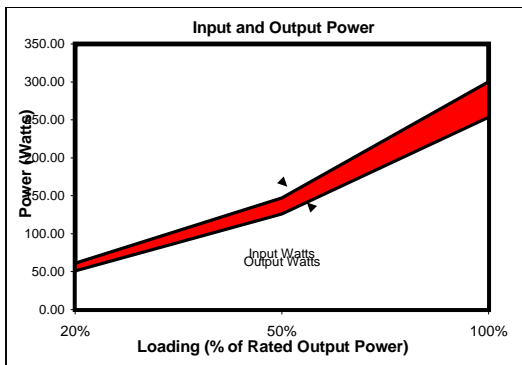
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50/60	Hz
Rated Output Power	250	Watts

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



Input AC Current Waveform (ITHD = 10.28%, 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.)						
0.55	0.9672	6.00%	20%	Light	61.32	12.3/3	11.9/0.1	3.4/1.2	5.1/1.5	5/0.4	51.04	83.23%
1.30	0.9865	10.28%	50%	Typical	146.98	12.2/7.4	11.8/0.1	3.4/3.1	5.1/3.8	5/0.9	126.09	85.78%
2.63	0.9930	9.21%	100%	Full	300.40	12.2/14.8	11.9/0.4	3.3/6.2	5/7.7	5/1.9	253.61	84.42%



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/>

