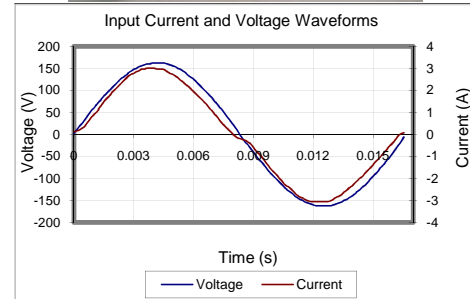


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.90%
AVERAGE EFFICIENCY :	84.38%
80 PLUS COMPLIANT:	YES



Ecos ID #	1886
Manufacturer	SEA SONIC ELECTRONICS CO., LTD.
Model Number	SS-250SU
Serial Number	N/A
Year	2010
Type	FLEX & ATX12V
Test Date	1/27/2010

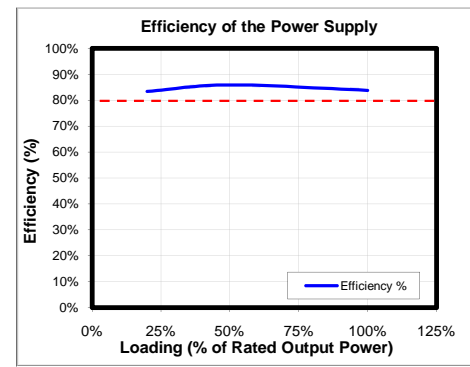
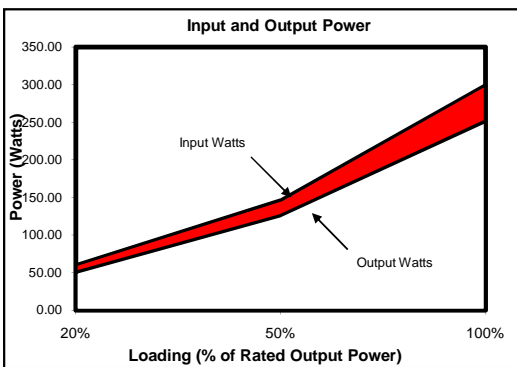


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5	Amps
Input Frequency	50/60	Hz
Rated Output Power	250	Watts

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

Input AC Current Waveform (ITHD = 11.18%, 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.)						
0.53	0.9925	5.95%	20%	Light	60.60	12.2/2.6					50.55	83.41%
1.29	0.9919	11.18%	50%	Typical	146.80	12.2/6.5					126.10	85.90%
2.62	0.9946	9.37%	100%	Full	300.20	12.1/13.1					251.66	83.83%



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/>

