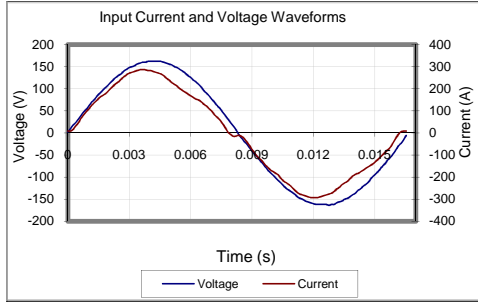


# 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.69%
AVERAGE EFFICIENCY :	90.12%
80 PLUS COMPLIANT:	YES



Ecos ID #	2137
Manufacturer	SEA SONIC ELECTRONICS CO., LTD.
Model Number	SS-400FL
Serial Number	N/A
Year	2010
Type	ATX12V
Test Date	7/6/2010

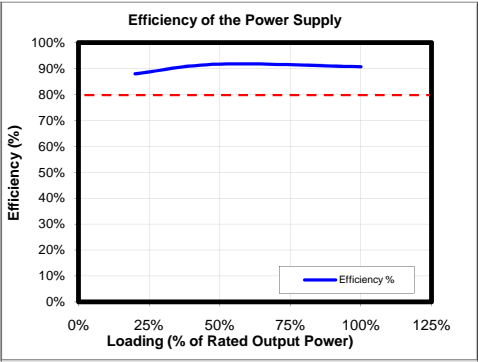
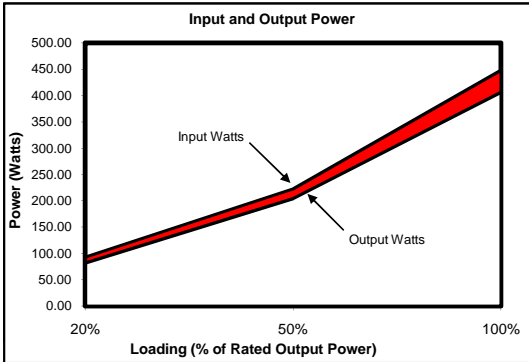


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>400</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 8.05%, 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.)					
0.83	0.97	12.67%	20%	Light	93.32	12.3/5.2					
1.95	0.99	8.05%	50%	Typical	223.02	12.3/12.9				204.48	91.69%
3.93	0.99	8.30%	100%	Full	448.60	12.2/25.7				406.80	90.68%



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/>

