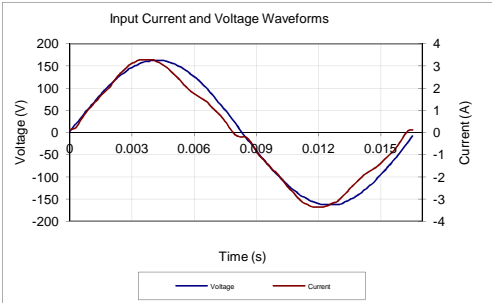


## 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	93.26%
AVERAGE EFFICIENCY :	92.01%
80 PLUS COMPLIANT:	YES



Ecos ID #	3320
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SS-460FL <sup>2</sup>
Serial Number	BF2460FS3AW
Year	2012
Type	ATX12V, EPS12V, PS2
Test Date	10/8/12

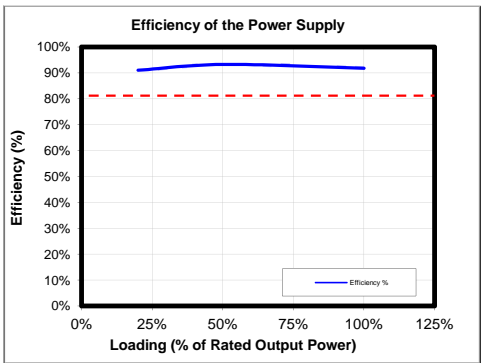
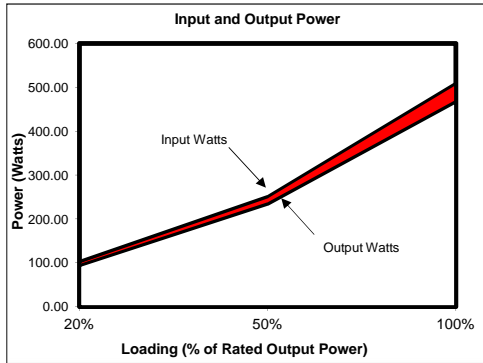


Input AC Current Waveform (ITHD = 10.49%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.5-3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	460	Watts

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

I <sub>RMS</sub> A	PF	I <sub>THD</sub> (%)	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
0.51	0.93	14.24%	10%	54.35	12.2/3	12.1/0	3.4/1	5.2/1	5.1/0.2	46.82	86.15%
0.92	0.97	12.61%	20%	103.04	12.2/6.1	12.1/0.1	3.4/1.9	5.2/1.9	5.1/0.4	93.74	90.98%
2.20	0.99	10.49%	50%	251.10	12.2/15.3	12.1/0.2	3.4/4.8	5.2/4.8	5.1/1	234.17	93.26%
4.47	0.99	9.63%	100%	509.50	12.1/30.6	12.3/0.4	3.4/9.6	5.2/9.6	5.1/2	467.68	91.79%



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/>

