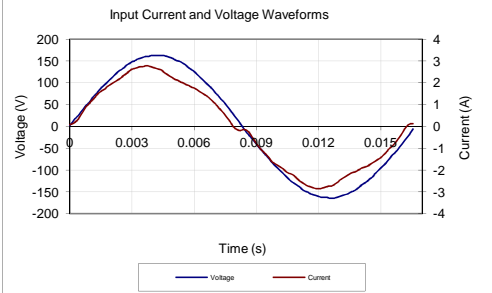


## 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.95%
AVERAGE EFFICIENCY :	91.73%
80 PLUS COMPLIANT:	YES



Ecos ID #	3319
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SS-400FI <sup>2</sup>
Serial Number	BF2400FS3AW
Year	2012
Type	ATX12V, EPS12V, PS2
Test Date	10/8/12

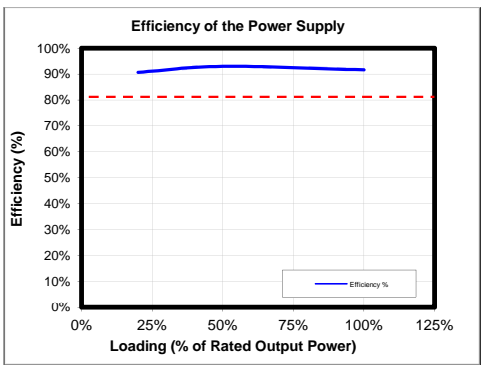
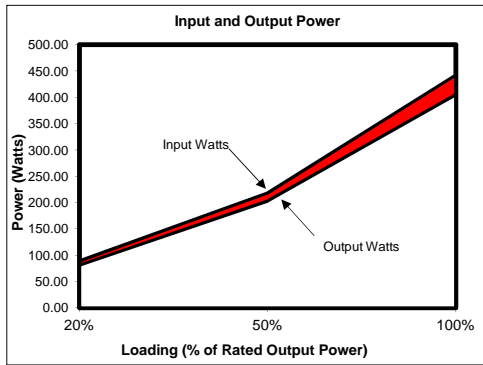


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-3	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

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

Input AC Current Waveform (ITHD = 6.73%, 50% Load)

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.)						
0.45	0.93	15.67%	10%	47.57	12.1/2.6	12.1/0	3.4/0.9	5.2/0.9	5.1/0.2	40.55	85.24%
0.80	0.97	11.50%	20%	89.55	12.1/5.1	12/0.1	3.4/1.9	5.2/1.9	5.1/0.4	81.16	90.63%
1.91	0.99	6.73%	50%	218.70	12.1/12.9	12.1/0.2	3.4/4.7	5.2/4.6	5.1/1	203.28	92.95%
3.89	0.99	10.44%	100%	442.90	12.1/25.7	12.2/0.4	3.4/9.4	5.2/9.3	5/1.9	405.71	91.60%



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/>

