

## 80 PLUS Verification and Testing Report

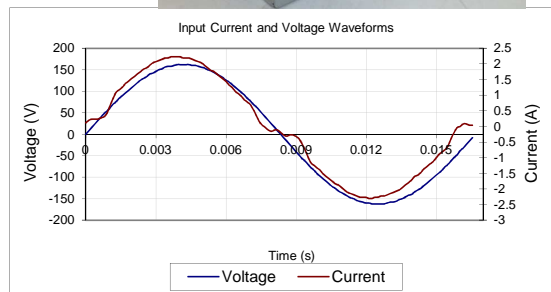
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>86.12%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>84.45%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	4880
<b>Manufacturer</b>	Sea Sonic Electronics Co., Ltd.
<b>Model Number</b>	SSP-300SUB Active PFC FO
<b>Serial Number</b>	CV11XB5031000
<b>Year</b>	2017
<b>Type</b>	FLEX ATX, 1U
<b>Test Date</b>	2/8/17

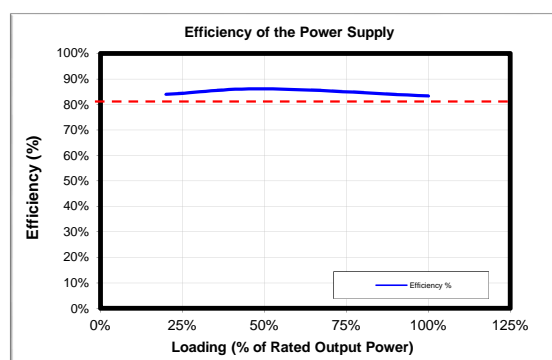
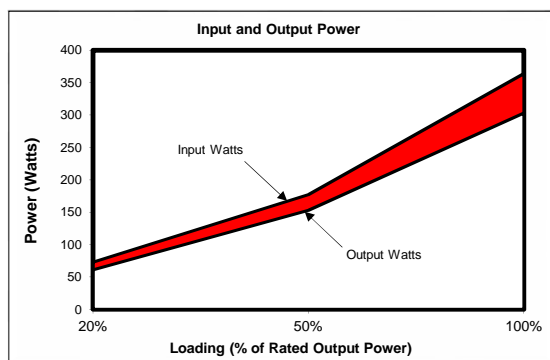
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>300</b>	<b>Watts</b>

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



Input AC Current Waveform (THD = 11.43%, 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.)	-12V	3.3V	5V	5Vsb		
0.40	0.86	29.57%	10%	39.11	12.21/1.92	12.11/0.04	3.34/0.63	5.08/0.76	5.06/0.11	30.53	78.06%
0.66	0.96	6.76%	20%	72.74	12.22/3.85	12.14/0.09	3.34/1.25	5.07/1.52	5.05/0.21	61.06	83.94%
1.56	0.99	11.43%	50%	177.20	12.19/9.67	12.2/0.21	3.33/3.12	5.05/3.78	5.03/0.53	152.60	86.12%
3.18	0.99	8.45%	100%	363.80	12.11/19.3	12.31/0.43	3.3/6.29	5.03/7.55	4.99/1.07	303.03	83.30%



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/>

