

## 80 PLUS Verification and Testing Report

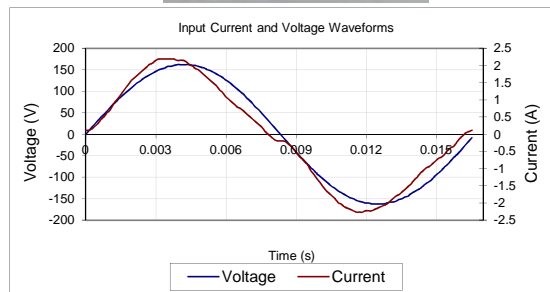
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>90.71%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>89.11%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>Ecos ID #</b>	4356
<b>Manufacturer</b>	Sea Sonic Electronics Co., Ltd.
<b>Model Number</b>	SSP-300SUG
<b>Serial Number</b>	N/A
<b>Year</b>	2015
<b>Type</b>	FLEX ATX
<b>Test Date</b>	6/10/15

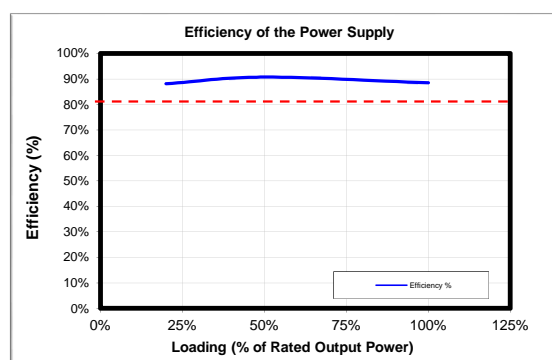
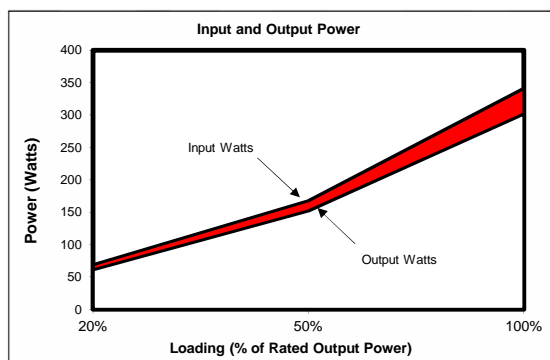
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>300</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 12.74%, 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		
0.38	0.85	12.88%	10%	36.80	12.18/1.95	11.72/0.02	3.36/0.53	5.05/0.74	5.11/0.16	30.35	82.46%
0.64	0.94	11.28%	20%	69.06	12.17/3.91	11.7/0.05	3.36/1.06	5.05/1.49	5.1/0.31	60.86	88.12%
1.49	0.98	12.74%	50%	167.40	12.14/9.8	11.86/0.12	3.34/2.66	5.04/3.69	5.09/0.78	151.85	90.71%
3.01	0.99	10.88%	100%	340.90	12.09/19.54	12.27/0.23	3.32/5.32	5.01/7.38	5.07/1.56	301.67	88.49%



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/>

