

## 80 PLUS Verification and Testing Report

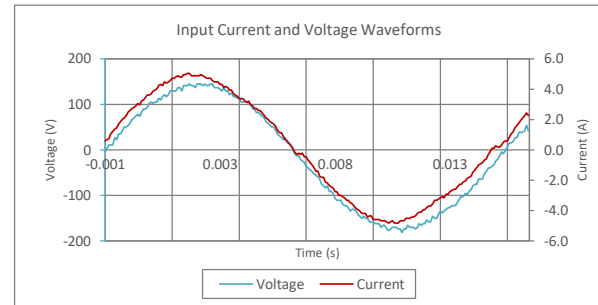
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.24%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>93.20%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5564
<b>Manufacturer</b>	Sea Sonic Electronics Co., Ltd.
<b>Model Number</b>	SSR-700TL
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	ATX12V, EPS12V
<b>Test Date</b>	6/5/19

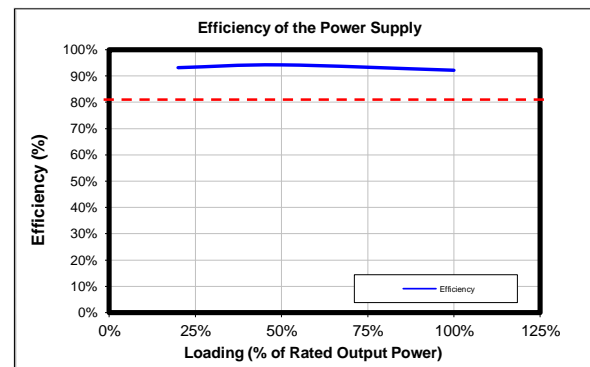
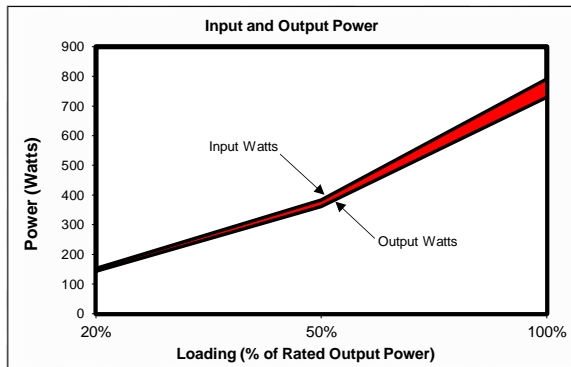
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9.5-4.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>700</b>	<b>Watts</b>

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



Input AC Current Waveform (ITHD = 3.89%, 50% Load)

I <sub>RMS</sub>	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		
0.86	0.79	10.64%	10%	78.80	12.16/5.02	12.04/0.03	3.37/1.04	5.12/1.04	4.93/0.22	71.23	90.40%
1.45	0.92	10.14%	20%	153.10	12.2/10.03	12.05/0.05	3.36/2.08	5.12/2.07	4.91/0.43	142.65	93.17%
3.41	0.98	3.89%	50%	383.10	12.36/25.11	12.07/0.13	3.39/5.19	5.12/5.15	4.9/1.08	361.04	94.24%
6.94	0.99	3.28%	100%	791.40	12.5/50.23	12.14/0.26	3.45/10.39	5.12/10.29	4.87/2.15	729.60	92.19%



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/>

