

## 80 PLUS Verification and Testing Report

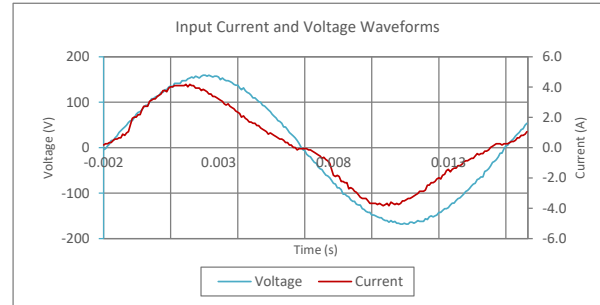
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>91.24%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>90.27%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	6261.1
<b>Manufacturer</b>	Sea Sonic Electronics Co., Ltd.
<b>Model Number</b>	SSP-500JS
<b>Serial Number</b>	N/A
<b>Year</b>	2021
<b>Type</b>	ATX12V, EPS12V
<b>Test Date</b>	1/4/21

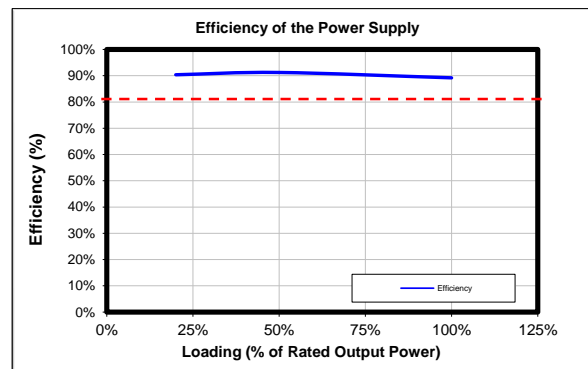
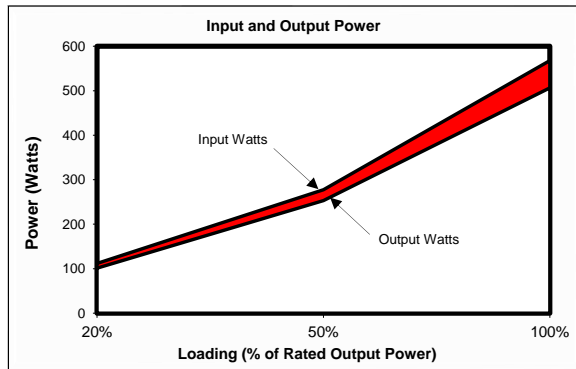
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7-3.5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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



Input AC Current Waveform (I<sub>THD</sub> = 17.18%, 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		
0.55	0.93	20.34%	10%	59.11	12.09/3.22	11.93/0.04	3.36/1.03	5.1/1.28	5.11/0.24	50.59	85.59%
1.01	0.96	16.38%	20%	111.82	12.06/6.45	11.93/0.08	3.37/2.05	5.1/2.55	5.09/0.47	101.05	90.37%
2.49	0.97	17.18%	50%	277.60	12.08/16.15	11.92/0.2	3.41/5.13	5.1/6.36	5.06/1.18	253.29	91.24%
5.05	0.98	15.97%	100%	567.70	12.08/32.25	11.94/0.39	3.47/10.26	5.11/12.69	4.98/2.35	506.38	89.20%



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/>

