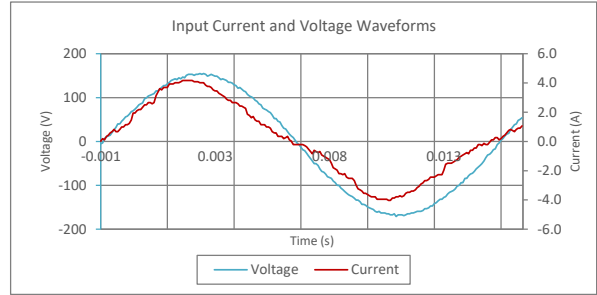


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.05%
AVERAGE EFFICIENCY :	88.98%
80 PLUS COMPLIANT:	YES



ID Number	5568.2
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSR-500LC
Serial Number	N/A
Year	2019
Type	ATX12V, EPS12V
Test Date	6/7/19

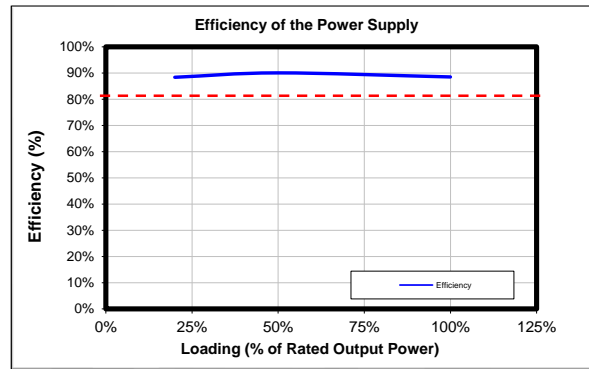
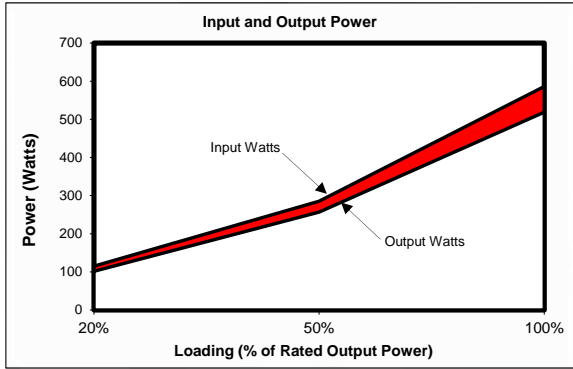


Input AC Current Waveform (ITHD = 15.83%, 50% Load)

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

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

I _{RMS}	PF	I _{THD}	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		
0.74	0.71	16.94%	10%	60.70	12.17/3.34	12.23/0.02	3.31/0.99	4.99/0.99	5.1/0.25	50.44	83.09%
1.14	0.88	14.96%	20%	115.10	12.21/6.74	12.2/0.05	3.3/1.97	4.99/1.96	5.1/0.49	101.72	88.38%
2.59	0.96	15.83%	50%	285.30	12.34/16.87	12.32/0.12	3.35/4.92	4.99/4.89	5.06/1.23	256.92	90.05%
5.22	0.98	14.28%	100%	586.10	12.48/33.74	12.97/0.25	3.36/9.88	4.98/9.78	5.01/2.46	518.73	88.51%



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/>

