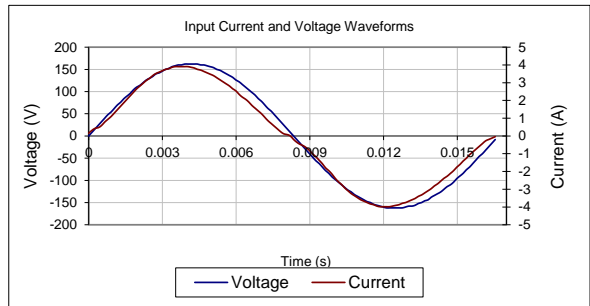


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.54%
AVERAGE EFFICIENCY :	89.33%
80 PLUS COMPLIANT:	YES



ID #	4510.3
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	A551GCAFH (G12 GC-550)
Serial Number	N/A
Year	2015
Type	ATX12V
Test Date	12/21/15

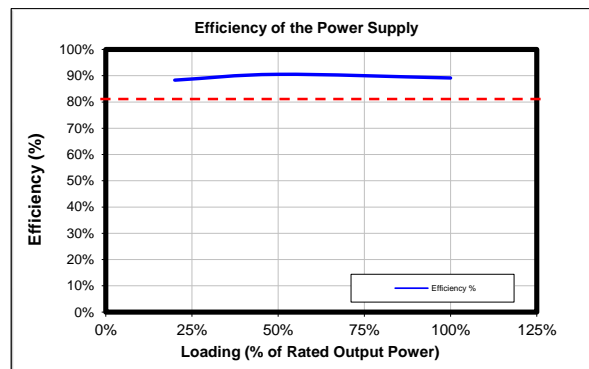
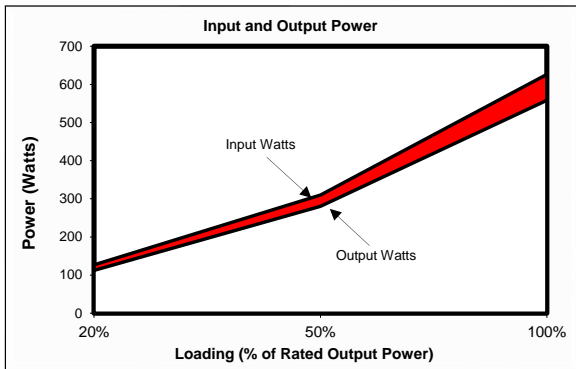


Input AC Current Waveform (ITHD = 7.92%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7.5-15	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency %
					12V (cumulative of 12V1, 12V2, etc.)						
0.62	0.96	15.51%	10%	68.33	12.25/3.79	-12V	3.3V	5V	5Vsb	56.29	82.38%
1.12	0.99	7.88%	20%	126.96	12.25/7.55	11.97/0.08	3.35/1.99	5.01/1.98	5.13/0.41	112.12	88.31%
2.71	0.99	7.92%	50%	309.80	12.24/18.89	11.98/0.21	3.34/4.99	4.99/4.95	5.11/1.03	280.49	90.54%
5.48	0.99	7.74%	100%	626.20	12.23/37.66	11.99/0.41	3.32/9.95	4.98/9.89	5.06/2.07	558.25	89.15%



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/>

