

80 PLUS Verification and Testing Report

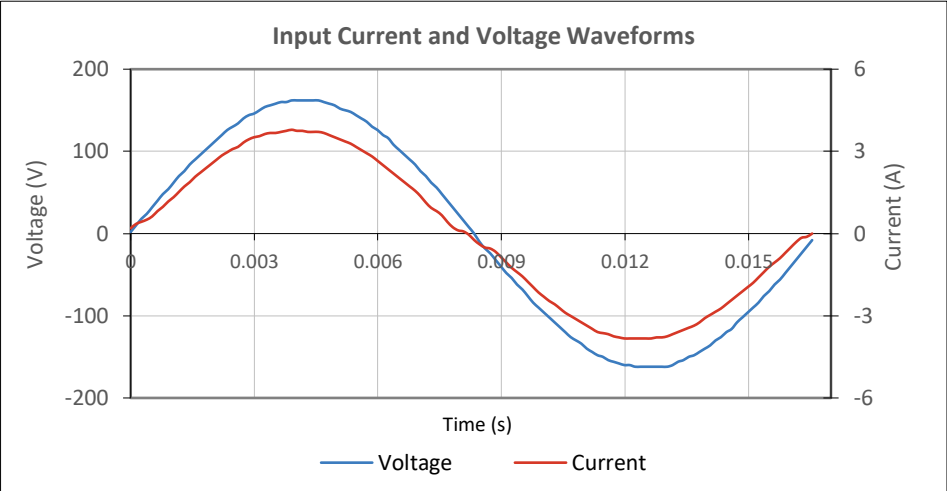
TYPICAL EFFICIENCY (50% Load):	90.26%
AVERAGE EFFICIENCY :	69.68%
80 PLUS COMPLIANT:	Gold



ID Number	3230.5
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	A551BMAFH (B12 BM-550)
Serial Number	N/A
Year	2012
Type	ATX12V
Test Date	8/1/12

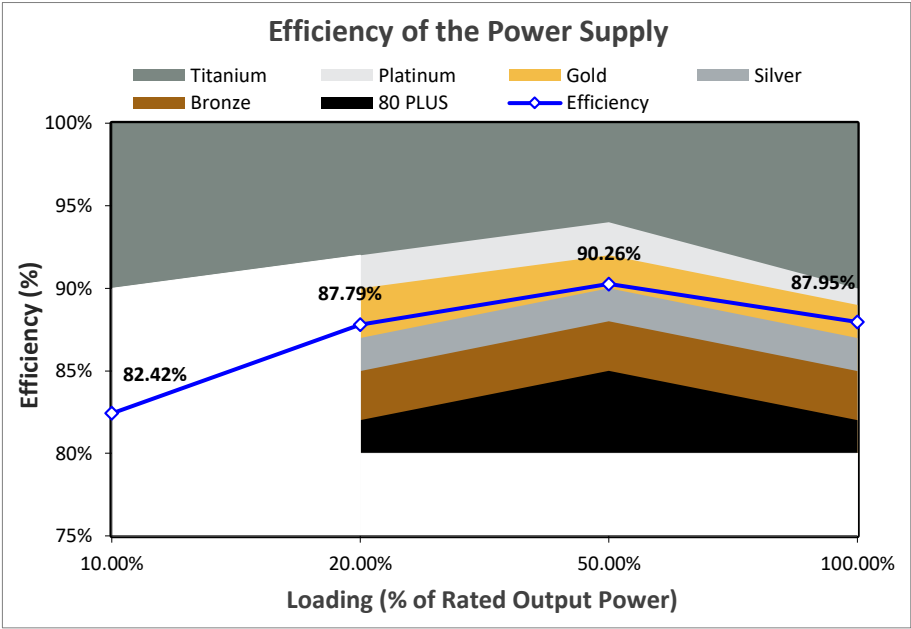
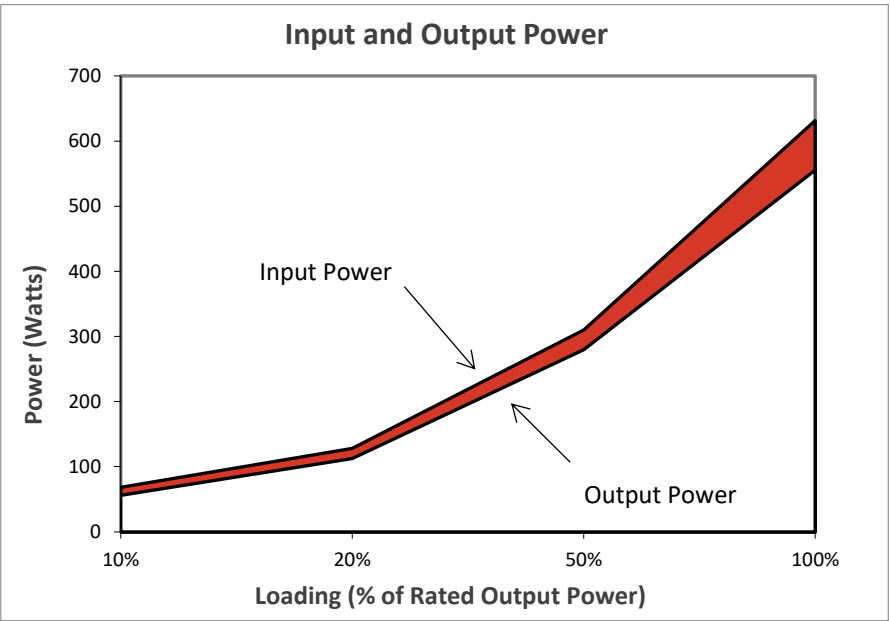
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		8-4	Amps
Input Frequency		50-60	Hz
Rated Output Power		550	Watts

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



Input AC Current Waveform (ITHD = 5.18%, 50% Load)

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		
0.610	0.9767	12.11%	10%	68.51	12.28/3.79	11.68/0.03	3.39/1.01	5.07/1.01	5.1/0.21	56.46	82.42%
1.124	0.9914	6.41%	20%	128.24	12.27/7.56	11.73/0.05	3.38/2.02	5.06/2.03	5.09/0.42	112.58	87.79%
2.702	0.9974	5.18%	50%	310.10	12.21/18.91	11.89/0.13	3.33/5.04	5.04/5.05	5.05/1.05	279.91	90.26%
5.499	0.9983	4.45%	100%	631.40	12.13/37.77	12.22/0.25	3.29/10.05	5.01/10.06	5/2.1	555.34	87.95%



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/>