

80 PLUS Verification and Testing Report

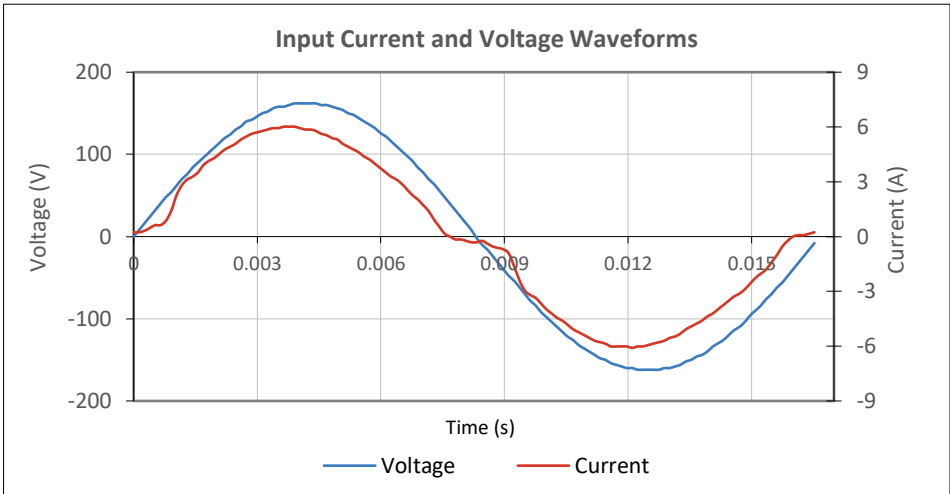
TYPICAL EFFICIENCY (50% Load):	91.93%
AVERAGE EFFICIENCY :	89.74%
80 PLUS COMPLIANT:	Gold



ID Number	4696.4
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	A851BMAFH (B12 BM-850)
Serial Number	NA
Year	2016
Type	ATX12V, EPS12V
Test Date	9/1/16

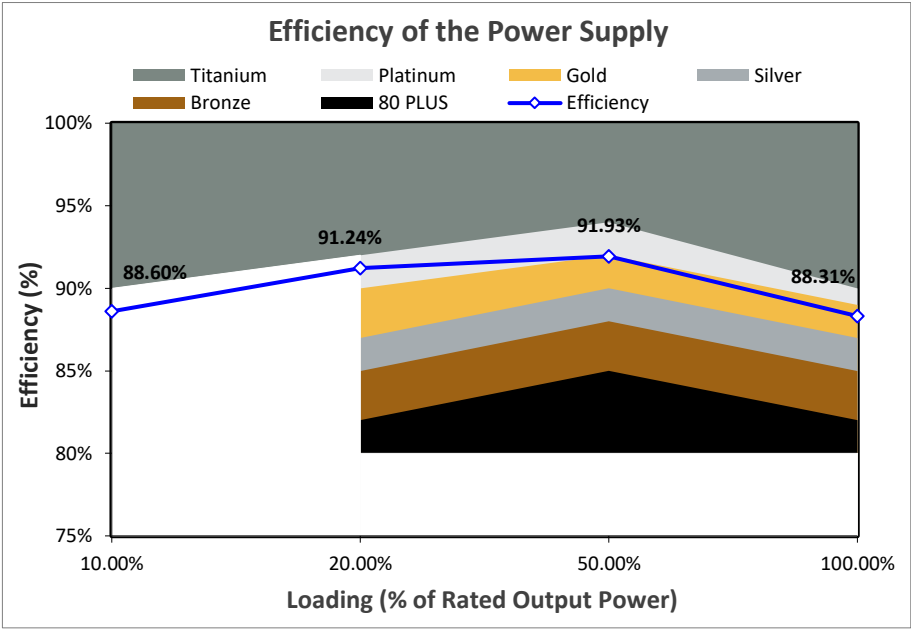
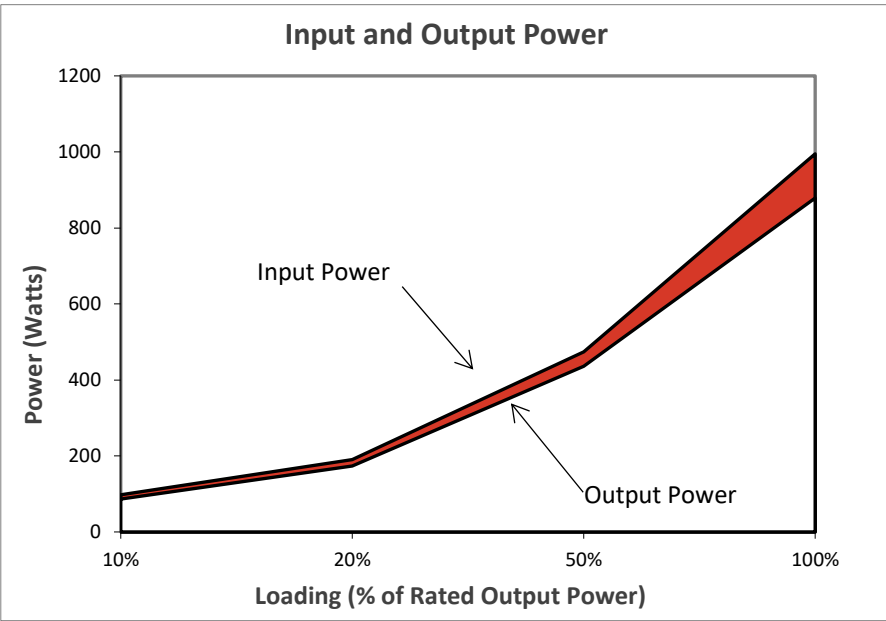
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 11.41%, 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		
0.879	0.9594	7.81%	10%	97.07	12.14/6.22	11.87/0.03	3.39/1.07	5.03/1.07	4.95/0.22	86.01	88.60%
1.685	0.9786	13.03%	20%	189.65	12.19/12.49	11.88/0.05	3.39/2.14	5.02/2.13	4.93/0.44	173.03	91.24%
4.168	0.9880	11.41%	50%	473.90	12.32/31.16	11.9/0.13	3.37/5.36	5.01/5.32	4.88/1.11	435.67	91.93%
8.698	0.9945	6.98%	100%	994.90	12.53/61.95	11.93/0.27	3.33/10.69	4.98/10.62	4.79/2.22	878.63	88.31%



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/>