

80 PLUS Verification and Testing Report

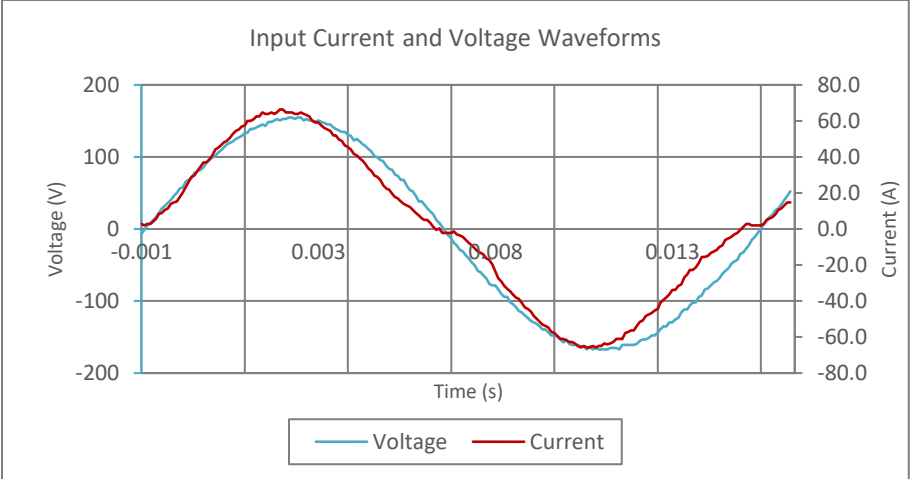
TYPICAL EFFICIENCY (50% Load):	90.47%
AVERAGE EFFICIENCY :	89.16%
80 PLUS COMPLIANT:	YES



ID Number	5476
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSP-850RS
Serial Number	N/A
Year	2019
Type	ATX12V,EPS12V
Test Date	1/25/19

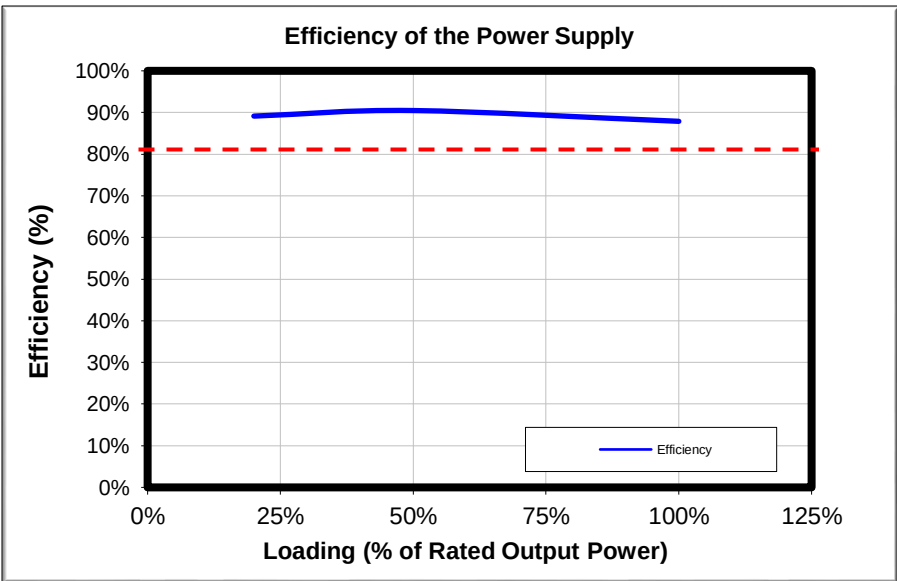
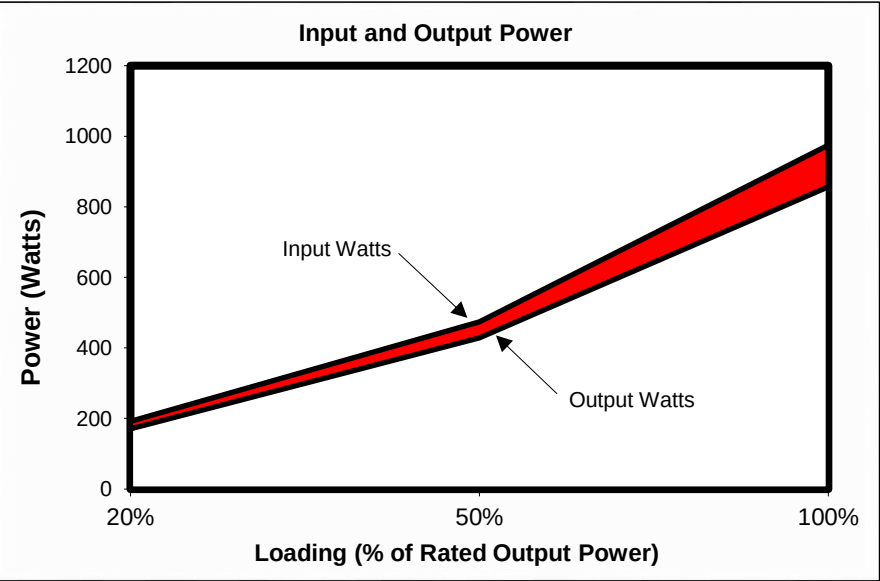
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 13.55%, 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		
0.91	0.97	9.55%	10%	101.86	12.11/5.65	12.33/0.02	3.32/1.33	4.99/2.32	5.11/0.24	85.86	84.29%
1.69	0.99	10.00%	20%	192.31	12.1/11.28	12.17/0.05	3.31/2.67	4.98/4.62	5.11/0.48	171.41	89.13%
4.17	0.99	13.55%	50%	473.70	12.09/28.25	12.19/0.12	3.29/6.66	4.98/11.55	5.08/1.2	428.54	90.47%
8.56	0.99	12.26%	100%	974.80	12.09/56.45	12.44/0.24	3.32/13.35	4.98/22.99	5.03/2.41	856.67	87.88%



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/>

