

80 PLUS Verification and Testing Report

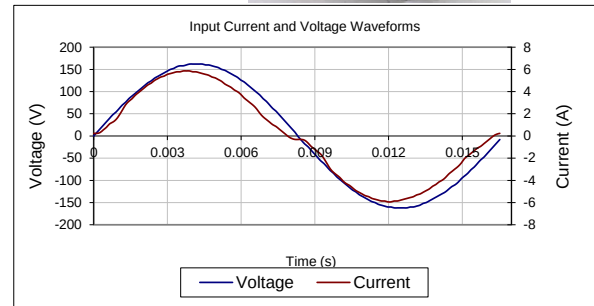
TYPICAL EFFICIENCY (50% Load):	94.67%
AVERAGE EFFICIENCY :	94.02%
80 PLUS COMPLIANT:	YES



Ecos ID #	4584.2
Manufacturer	Sea Sonic Electronics Co., Ltd
Model Number	SSR-850TR
Serial Number	N/A
Year	2016
Type	ATX12V, EPS12V
Test Date	4/21/16

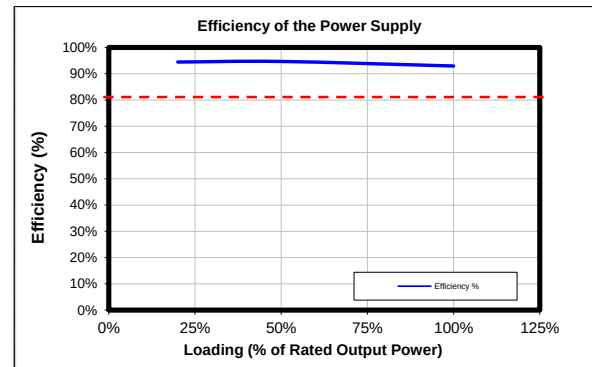
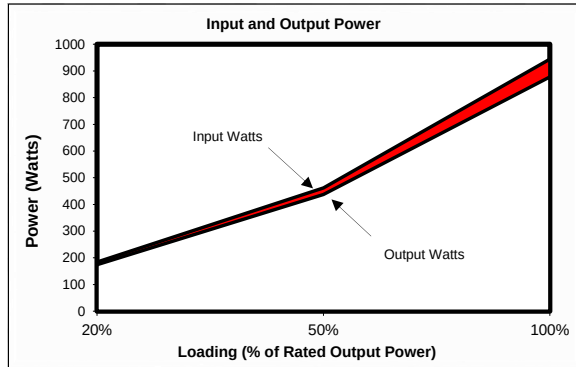
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 9.78%, 50% Load)

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.)	-12V	3.3V	5V	5Vsb		
0.87	0.94	10.71%	10%	94.25	12.23/6.23	11.84/0.03	3.37/1.07	5.03/1.07	5.03/0.27	86.88	92.18%
1.63	0.98	6.62%	20%	183.99	12.26/12.44	11.84/0.05	3.37/2.14	5.02/2.13	5.02/0.53	173.77	94.44%
4.05	0.99	9.78%	50%	461.50	12.34/31.14	11.85/0.13	3.36/5.34	5.02/5.3	5/1.33	436.92	94.67%
8.24	1.00	5.89%	100%	944.10	12.44/62.1	11.86/0.27	3.34/10.66	5/10.59	4.95/2.66	877.54	92.95%



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/>

