

80 PLUS Verification and Testing Report

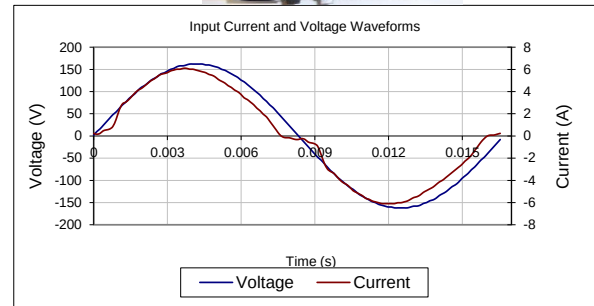
TYPICAL EFFICIENCY (50% Load):	92.45%
AVERAGE EFFICIENCY :	91.24%
80 PLUS COMPLIANT:	YES



Ecos ID #	4697
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSR-850PD Active PFC F3
Serial Number	NA
Year	2016
Type	ATX12V, EPS12V
Test Date	9/1/16

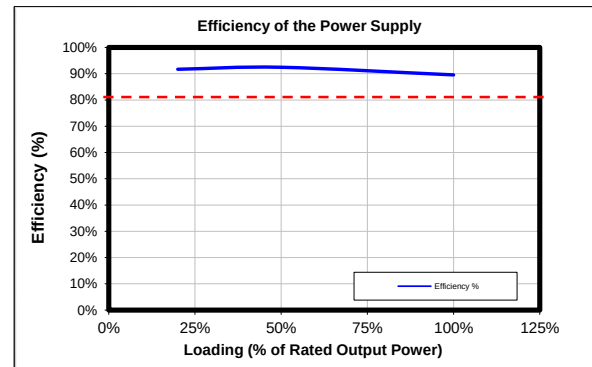
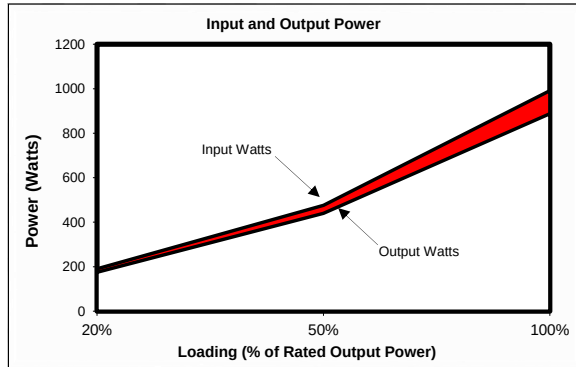
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 11.89%, 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		
0.89	0.96	9.35%	10%	97.62	12.27/6.22	11.87/0.03	3.39/1.07	5.02/1.07	4.93/0.22	86.82	88.94%
1.70	0.98	14.44%	20%	190.38	12.32/12.49	11.87/0.05	3.38/2.14	5.02/2.13	4.92/0.44	174.57	91.70%
4.19	0.99	11.89%	50%	475.70	12.46/31.16	11.9/0.13	3.38/5.36	5/5.32	4.86/1.11	439.80	92.45%
8.67	0.99	7.02%	100%	991.20	12.68/61.95	11.93/0.27	3.33/10.69	4.97/10.62	4.78/2.22	887.68	89.56%



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/>

