

80 PLUS Verification and Testing Report

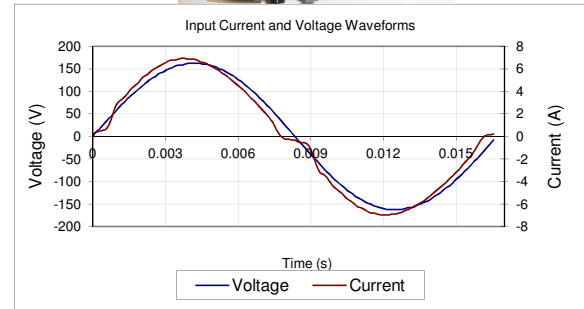
TYPICAL EFFICIENCY (50% Load):	93.01%
AVERAGE EFFICIENCY :	91.91%
80 PLUS COMPLIANT:	YES



Ecos ID #	4693
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSR-1000PD Active PFC F3
Serial Number	NA
Year	2016
Type	ATX12V, EPS12V
Test Date	8/31/16

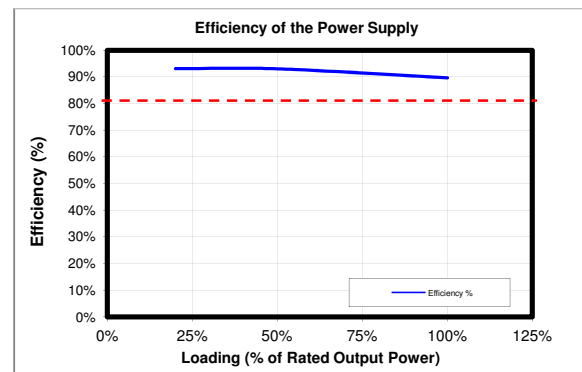
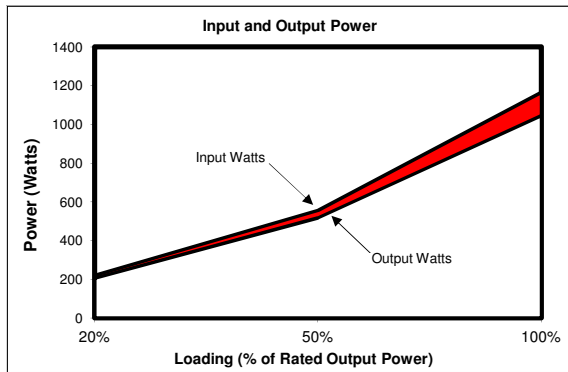
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 8.19%, 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		
1.01	0.97	8.50%	10%	112.12	12.26/7.3	11.77/0.03	3.39/1.32	5.01/1.32	5.01/0.26	102.19	91.14%
1.95	0.99	9.29%	20%	220.84	12.31/14.64	11.78/0.05	3.38/2.64	5.01/2.62	5/0.53	205.51	93.06%
4.87	0.99	8.19%	50%	556.40	12.45/36.5	11.8/0.13	3.36/6.61	4.99/6.56	4.97/1.32	517.49	93.01%
10.17	1.00	4.02%	100%	1166.40	12.66/72.72	11.84/0.26	3.33/13.18	4.96/13.09	4.92/2.63	1045.91	89.67%



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/>

