

80 PLUS Verification and Testing Report

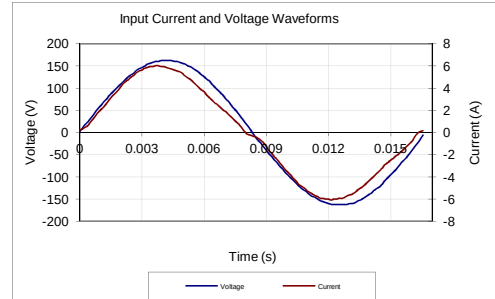
TYPICAL EFFICIENCY (50% Load):	92.21%
AVERAGE EFFICIENCY :	91.16%
80 PLUS COMPLIANT:	YES



Ecos ID #	3297
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SS-860XP2
Serial Number	N/A
Year	2012
Type	ATX12V, EPS12V, PS2
Test Date	10/4/12

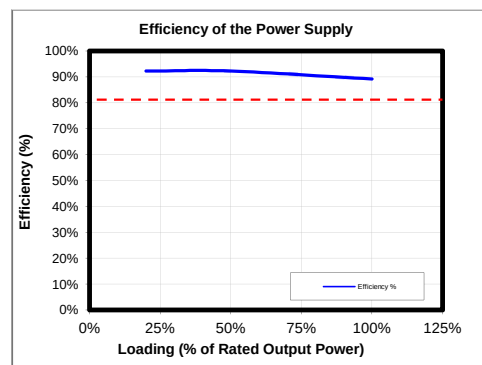
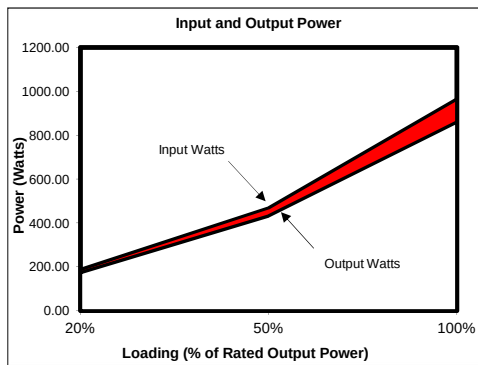
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	11-5.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	860	Watts

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



Input AC Current Waveform (ITHD = 8.37%, 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		
0.88	0.97	16.02%	10%	97.59	12.1/6.1	11.8/0	3.4/1.3	5.1/1.3	5.1/0.3	86.94	89.08%
1.67	0.99	12.76%	20%	188.74	12.1/12.3	11.7/0.1	3.4/2.6	5.1/2.6	5.1/0.5	174.02	92.20%
4.10	0.99	8.37%	50%	469.30	12/30.7	11.8/0.2	3.4/6.5	5.1/6.4	5.1/1.3	432.72	92.21%
8.42	1.00	8.38%	100%	965.50	12/61.3	12.1/0.4	3.4/12.9	5.1/12.9	5/2.6	860.09	89.08%



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/>

