

80 PLUS Verification and Testing Report

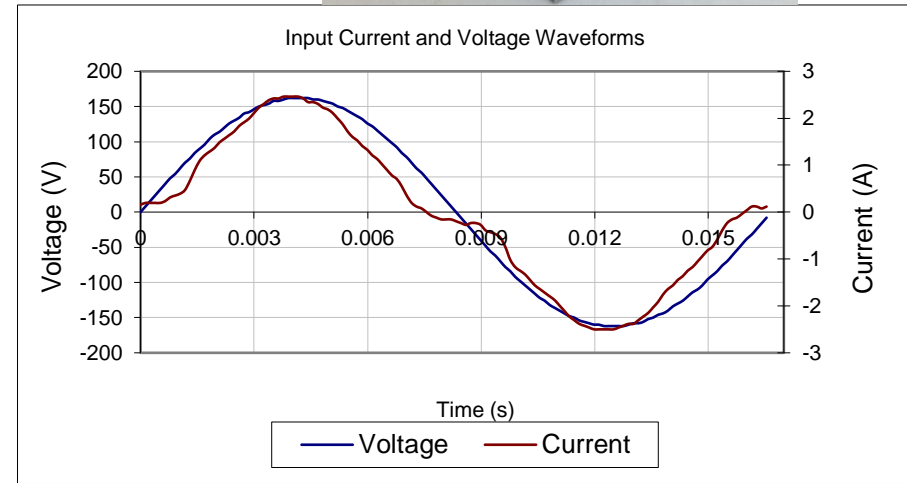
TYPICAL EFFICIENCY (50% Load):	86.35%
AVERAGE EFFICIENCY :	84.89%
80 PLUS COMPLIANT:	YES



ID Number	4879
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSP-300SFB Active PFC F3
Serial Number	CV11XB5020999
Year	2017
Type	SFX
Test Date	2/8/17

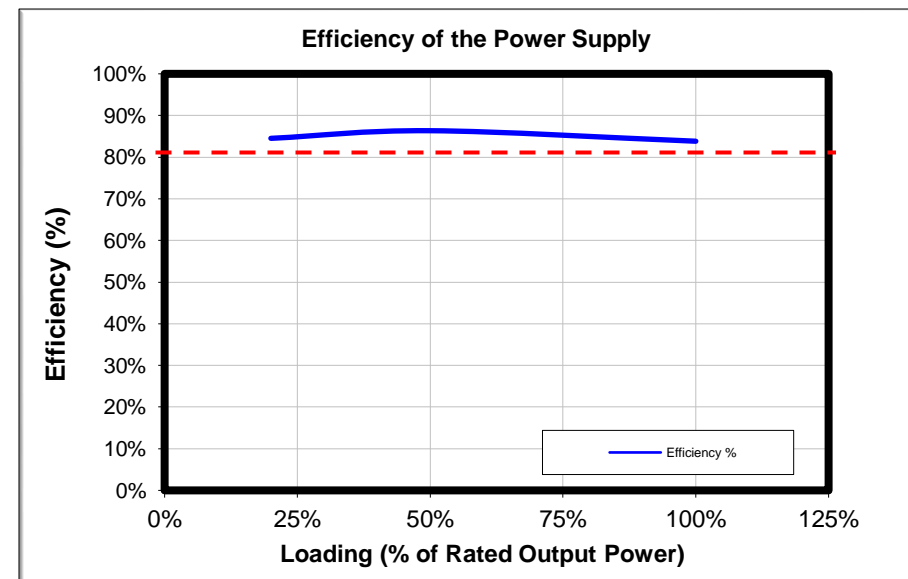
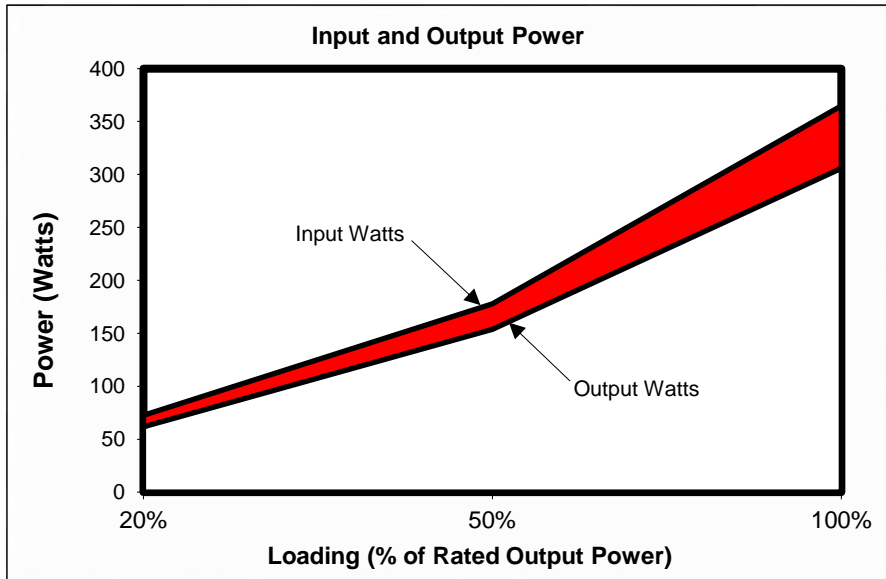
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 19.41%, 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		
0.39	0.85	30.07%	10%	38.20	12.27/1.92	12.16/0.04	3.34/0.71	5.12/0.71	5.12/0.11	30.70	80.37%
0.66	0.96	10.28%	20%	72.69	12.28/3.85	12.19/0.09	3.34/1.42	5.11/1.42	5.11/0.21	61.43	84.51%
1.59	0.97	19.41%	50%	177.90	12.27/9.67	12.23/0.21	3.33/3.54	5.09/3.51	5.09/0.53	153.61	86.35%
3.21	0.99	13.85%	100%	364.90	12.23/19.3	12.24/0.43	3.32/7.08	5.08/7.01	5.07/1.07	305.87	83.82%



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/>

