

# 80 PLUS Verification and Testing Report

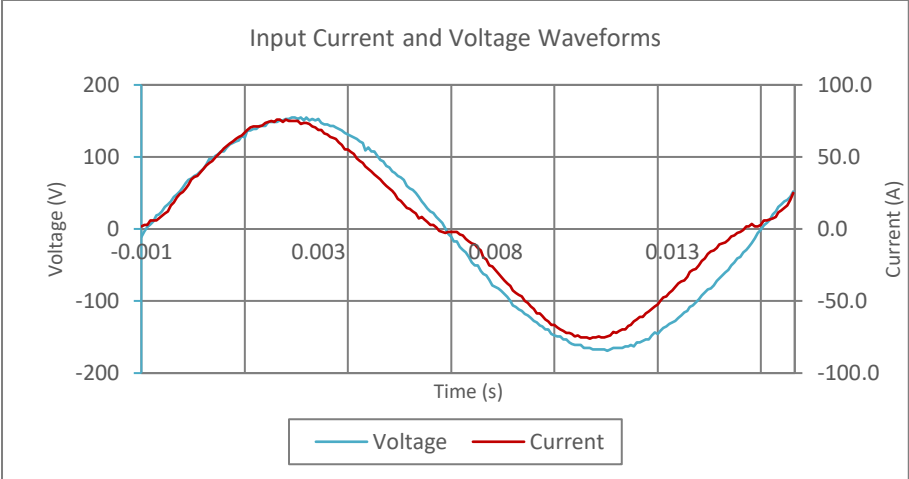
TYPICAL EFFICIENCY (50% Load):	91.36%
AVERAGE EFFICIENCY :	90.02%
80 PLUS COMPLIANT:	YES



ID Number	5473
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSP-1000RS
Serial Number	N/A
Year	2019
Type	ATX12V, EPS12V
Test Date	1/25/19

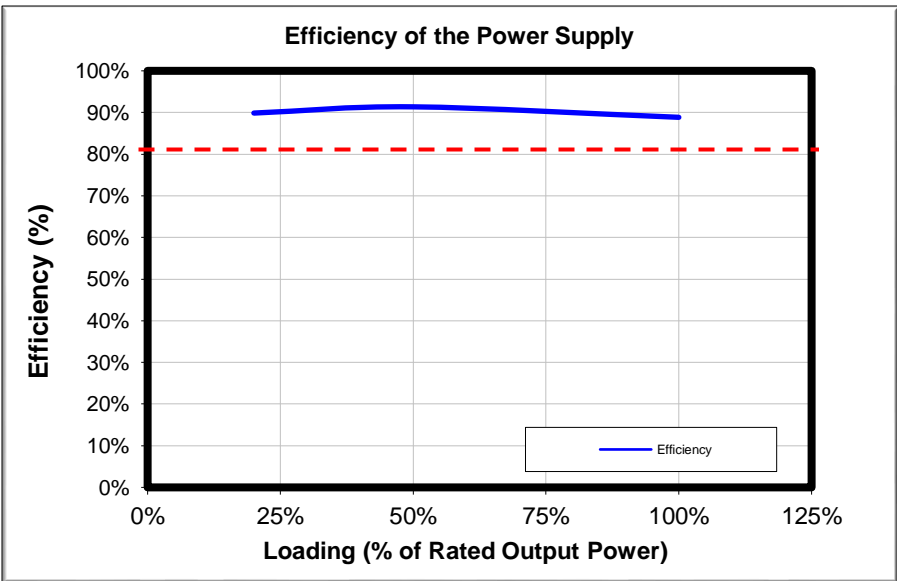
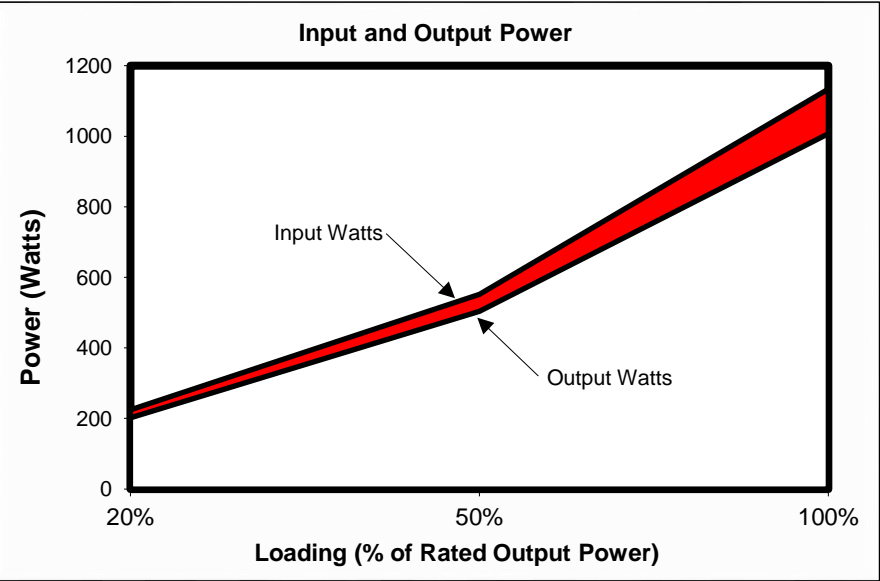
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 12.14%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
1.05	0.98	10.02%	10%	118.21	12.12/6.85	12.35/0.02	3.32/1.37	4.98/2.38	5.1/0.25	100.90	85.36%
1.98	0.99	11.27%	20%	224.43	12.1/13.71	12.35/0.05	3.31/2.73	4.97/4.74	5.09/0.49	201.67	89.86%
4.85	0.99	12.14%	50%	551.70	12.09/34.3	12.37/0.12	3.32/6.83	4.97/11.84	5.07/1.23	504.02	91.36%
9.93	0.99	10.22%	100%	1133.60	12.08/68.58	12.63/0.25	3.32/13.68	4.98/23.56	5.01/2.47	1007.14	88.84%



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/>

