

80 PLUS Verification and Testing Report

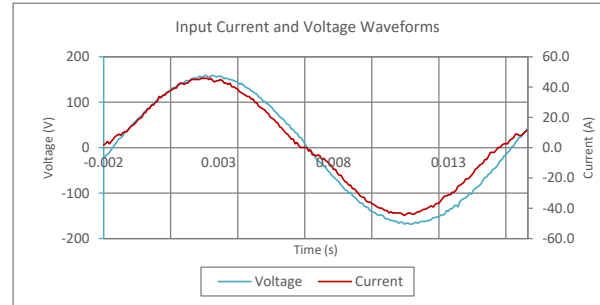
TYPICAL EFFICIENCY (50% Load):	87.05%
AVERAGE EFFICIENCY :	85.51%
80 PLUS COMPLIANT:	YES



ID Number	6073
Manufacturer	Sea Sonic Electronics Co.,Ltd
Model Number	SSP-600ES2
Serial Number	N/A
Year	2020
Type	ATX12V,EPS12V
Test Date	8/28/20

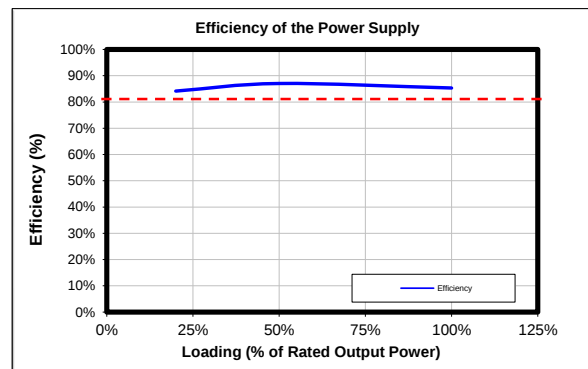
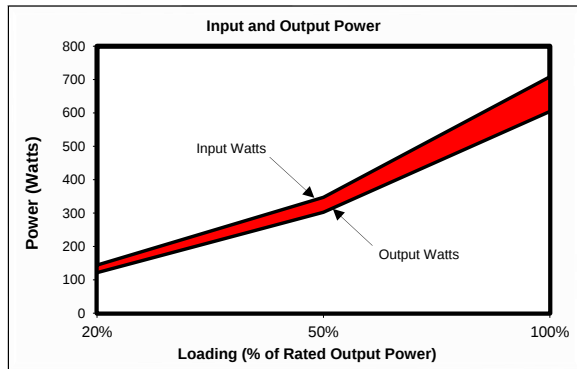
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	9-4.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (THD = 7.43%, 50% Load)

I _{RMS}	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		
0.72	0.95	16.46%	10%	77.98	12.12/3.97	11.49/0.03	3.31/1.35	5.02/1.35	5.11/0.21	60.77	77.93%
1.27	0.98	7.15%	20%	144.16	12.11/7.95	11.6/0.05	3.31/2.69	5.01/2.67	5.1/0.43	121.32	84.15%
3.04	0.99	7.43%	50%	347.50	12.07/19.86	11.96/0.13	3.31/6.73	5.03/6.67	5.07/1.07	302.50	87.05%
6.19	1.00	6.93%	100%	708.40	12.06/39.69	12.17/0.26	3.32/13.48	5.03/13.32	5.01/2.15	604.49	85.33%



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/>

