

80 PLUS Verification and Testing Report

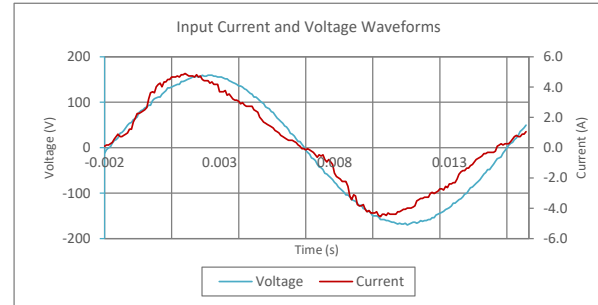
TYPICAL EFFICIENCY (50% Load):	91.31%
AVERAGE EFFICIENCY :	90.31%
80 PLUS COMPLIANT:	YES



ID Number	6262.1
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSP-600JS
Serial Number	N/A
Year	2021
Type	ATX12V,EPS12V
Test Date	1/5/21

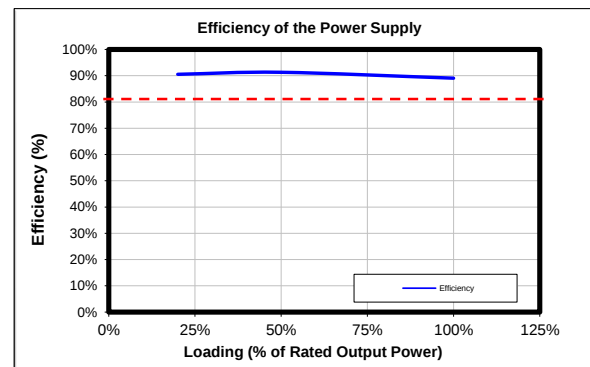
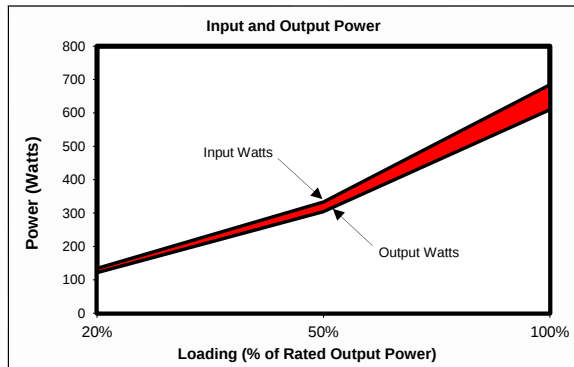
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8.4-4.2	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (I_{THD} = 15.37%, 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		
0.65	0.94	18.71%	10%	70.58	12.13/4.04	11.91/0.04	3.35/1.05	5.1/1.32	5.09/0.24	60.95	86.35%
1.21	0.97	15.79%	20%	134.32	12.11/8.08	11.9/0.08	3.37/2.11	5.09/2.61	5.07/0.48	121.61	90.54%
2.97	0.98	15.37%	50%	333.40	12.12/20.2	11.91/0.2	3.39/5.25	5.1/6.52	5.04/1.21	304.44	91.31%
6.07	0.98	14.95%	100%	684.60	12.14/40.38	11.94/0.4	3.44/10.54	5.1/13.03	4.97/2.41	609.78	89.07%



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/>

