

# 80 PLUS Verification and Testing Report

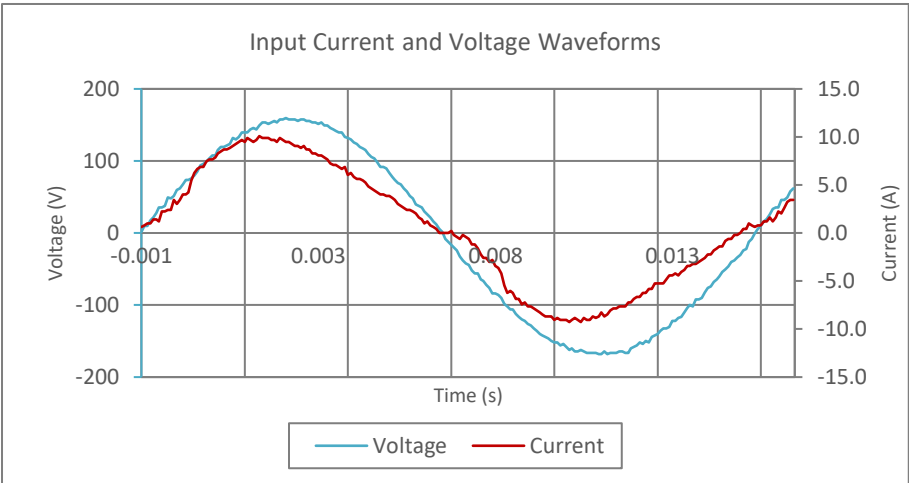
TYPICAL EFFICIENCY (50% Load):	94.43%
AVERAGE EFFICIENCY :	93.61%
80 PLUS COMPLIANT:	YES



ID Number	6432.1
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSR-1300TR (PRIME TX-1300)
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	2/18/21

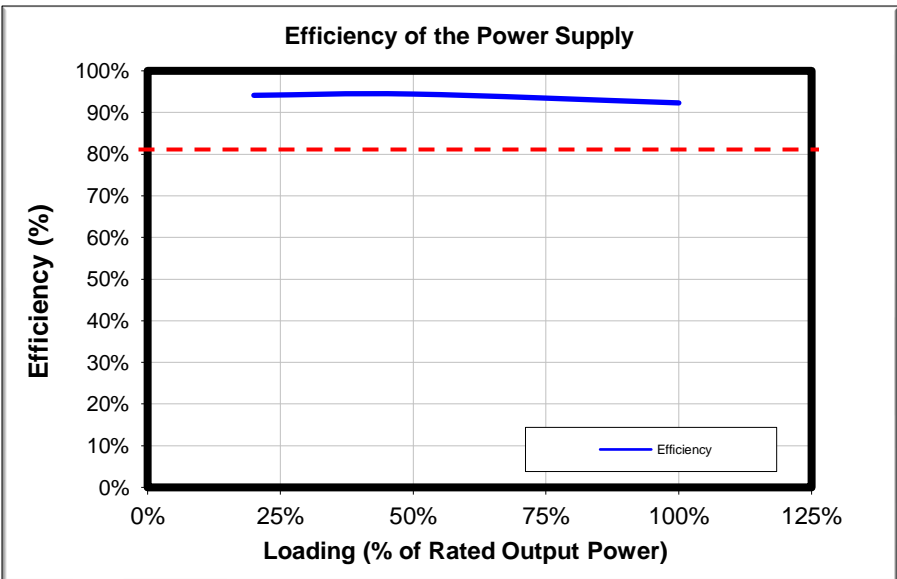
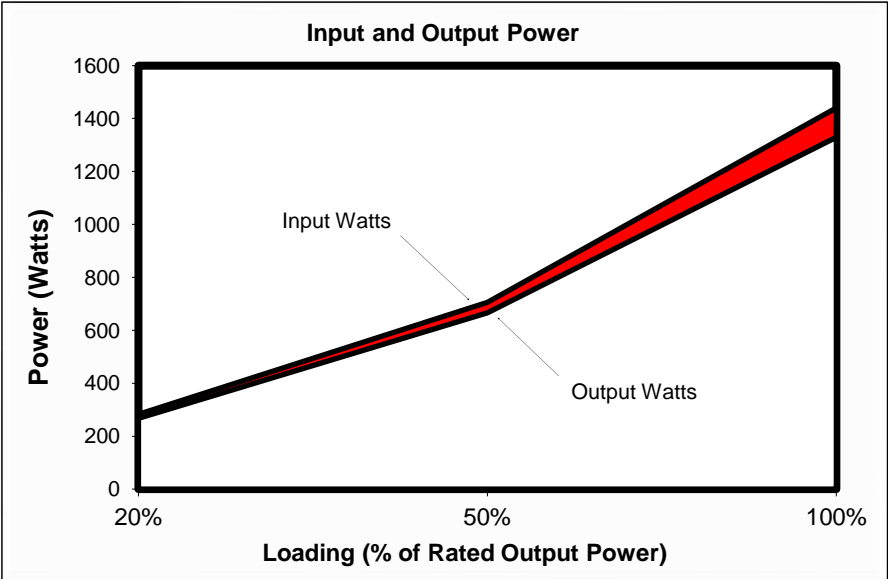
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-8	Amps
Input Frequency	60/50	Hz
Rated Output Power	1300	Watts

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



Input AC Current Waveform (ITHD = 13.36%, 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		
1.34	0.95	21.48%	10%	146.05	12.26/9.79	11.99/0.04	3.34/1.35	5.08/1.35	5.05/0.27	133.18	91.19%
2.53	0.97	16.90%	20%	283.40	12.27/19.58	12/0.09	3.35/2.71	5.08/2.69	5.04/0.54	266.73	94.12%
6.23	0.98	13.36%	50%	705.60	12.26/48.91	12.01/0.22	3.38/6.77	5.09/6.71	5.03/1.35	666.27	94.43%
12.61	0.99	7.65%	100%	1440.40	12.26/97.56	12.04/0.45	3.44/13.57	5.09/13.4	4.95/2.7	1329.47	92.30%



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/>