

80 PLUS Verification and Testing Report

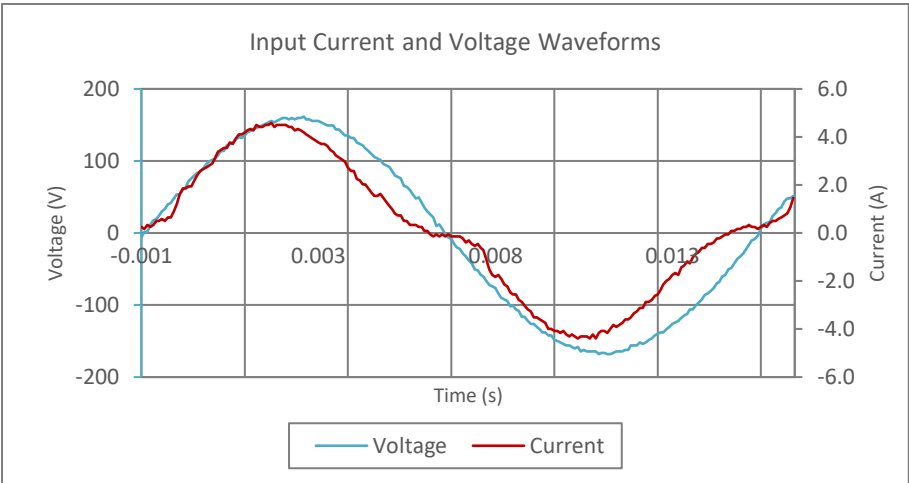
TYPICAL EFFICIENCY (50% Load):	91.44%
AVERAGE EFFICIENCY :	90.38%
80 PLUS COMPLIANT:	YES



ID Number	6523
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	Y7551GXSFS (FOCUS SGX-550)
Serial Number	N/A
Year	2021
Type	ATX12V, SFX
Test Date	4/6/21

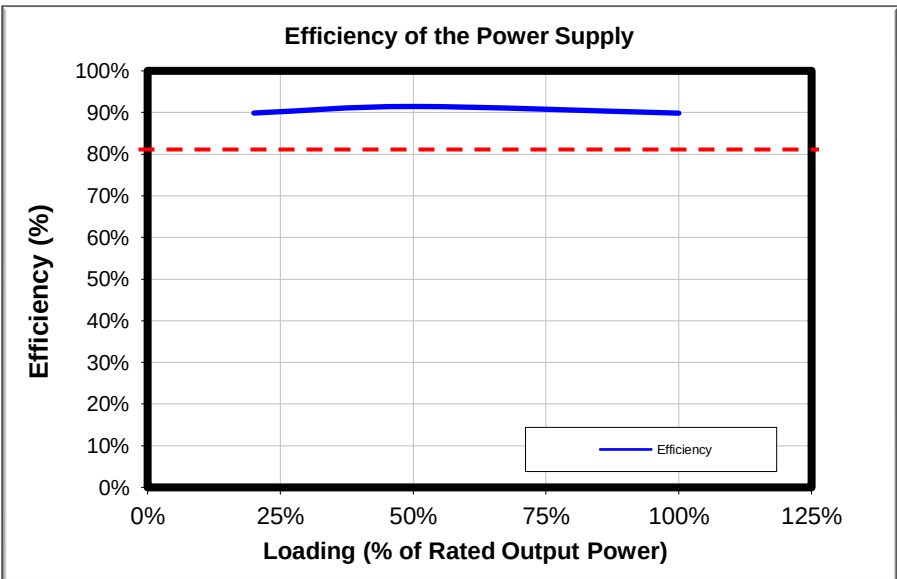
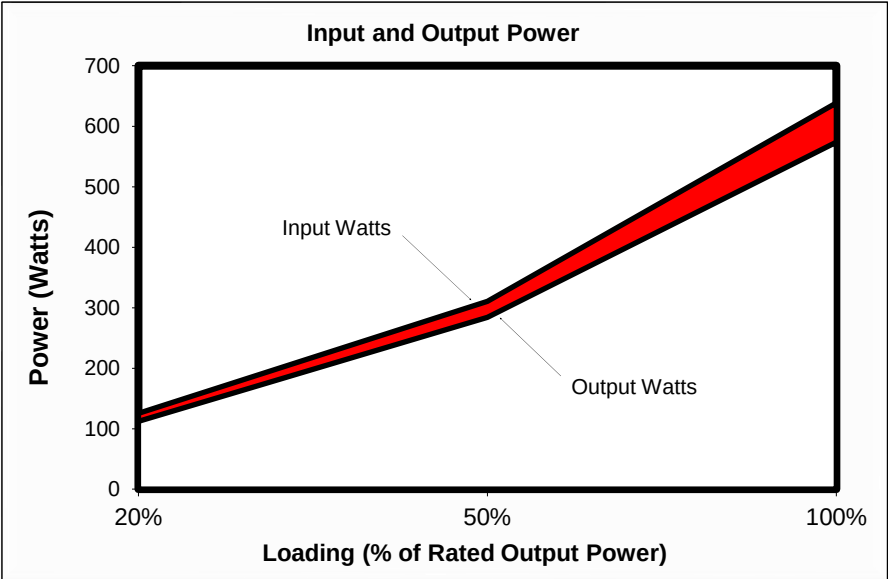
Rated Specifications	Value	Units
Input Voltage	100-240/200-240	Volts
Input Current	8-4/4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 18.25%, 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		
0.60	0.96	12.43%	10%	66.71	12.19/3.77	12.13/0.03	3.33/1.01	5.04/1.01	5.1/0.25	56.06	84.03%
1.11	0.98	16.79%	20%	124.92	12.24/7.54	12.14/0.05	3.33/2.01	5.04/2	5.09/0.5	112.26	89.86%
2.78	0.97	18.25%	50%	310.10	12.38/18.89	12.15/0.13	3.33/5.03	5.04/4.99	5.06/1.25	283.55	91.44%
5.64	0.99	16.03%	100%	638.40	12.58/37.68	12.15/0.25	3.33/10.07	5.04/9.96	5/2.51	573.52	89.84%



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/>