

80 PLUS Verification and Testing Report

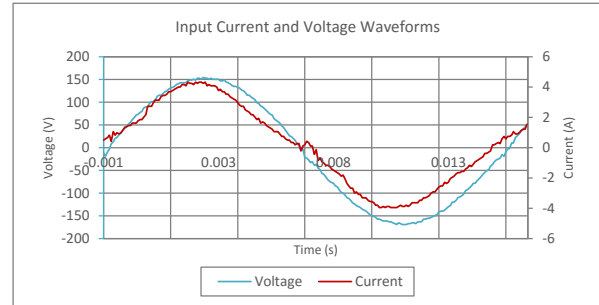
TYPICAL EFFICIENCY (50% Load):	91.00%
AVERAGE EFFICIENCY :	89.46%
80 PLUS COMPLIANT:	YES



ID Number	5056
Manufacturer	Sea Sonic Electronics Co., Ltd.
Model Number	SSR-550FM
Serial Number	NA
Year	2017
Type	ATX12V, EPS12V
Test Date	9/14/17

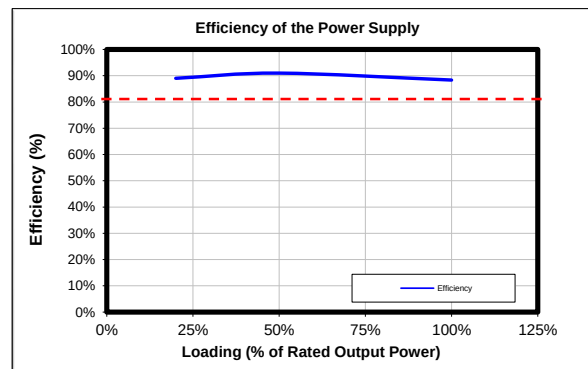
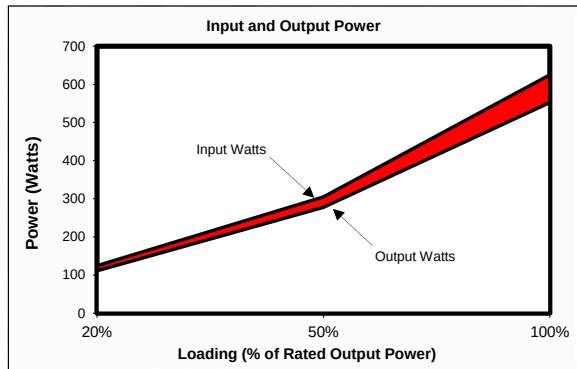
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (THD = 14.005%, 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		
0.74	0.78	39.00%	10%	65.96	12.06/3.77	12.2/0.03	3.39/1.01	5.04/1.01	5.14/0.25	55.60	84.29%
1.19	0.91	23.94%	20%	124.65	12.06/7.54	12.16/0.05	3.39/2.01	5.04/2	5.13/0.5	110.96	89.02%
2.73	0.97	14.01%	50%	305.17	12.05/18.89	12.14/0.13	3.37/5.04	5.04/4.99	5.11/1.25	277.70	91.00%
5.51	0.99	9.49%	100%	625.01	12.06/37.53	12.36/0.25	3.35/10.07	5.02/9.96	5.05/2.51	552.25	88.36%



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/>

