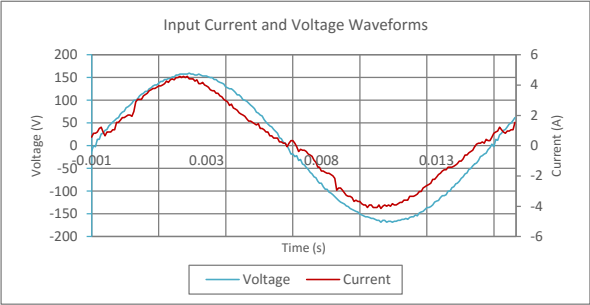


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.52%
AVERAGE EFFICIENCY :	89.17%
80 PLUS COMPLIANT:	YES



ID Number	4944
Manufacturer	Sea Sonic Electronics Co. Ltd.
Model Number	SSR-550FX
Serial Number	N/A
Year	2017
Type	ATX12V, EPS12V
Test Date	5/17/17

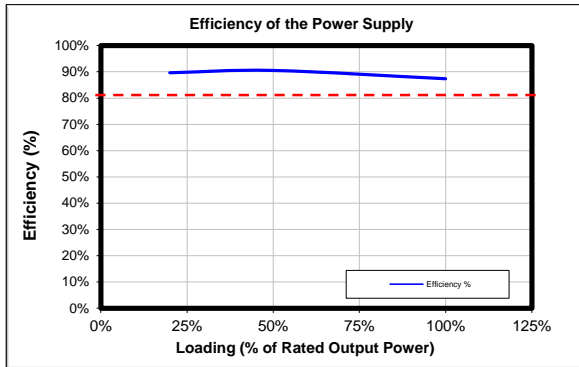
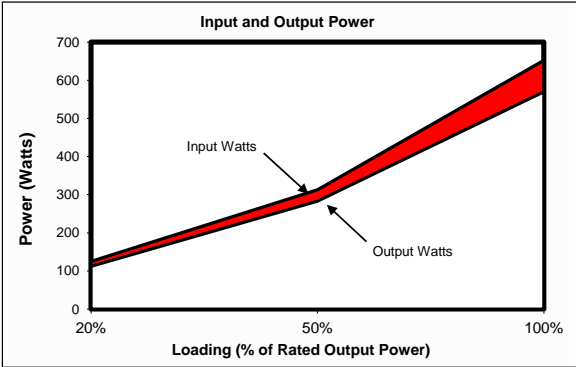


Input AC Current Waveform (ITHD = 13.36%, 50% Load)

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.

I _{RMS} A	PF	I _{THD} (%)	Load (%)	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)				Output Watts	Efficiency %	
					12V (cumulative of 12V1, 12V2, etc.)						
0.62	0.93	14.86%	10%	65.70	12.19/3.77	-12V	3.3V	5V	5Vsb	55.96	85.17%
1.12	0.97	13.33%	20%	125.10	12.24/7.54	12.13/0.05	3.31/2.01	5.03/2	5.11/0.5	112.14	89.64%
2.76	0.98	13.36%	50%	312.80	12.36/18.89	12.35/0.13	3.3/5.03	5.03/4.99	5.08/1.25	283.14	90.52%
5.73	0.99	11.99%	100%	652.30	12.54/37.55	12.66/0.25	3.3/10.07	5.02/9.96	5.02/2.51	569.85	87.36%



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/>

