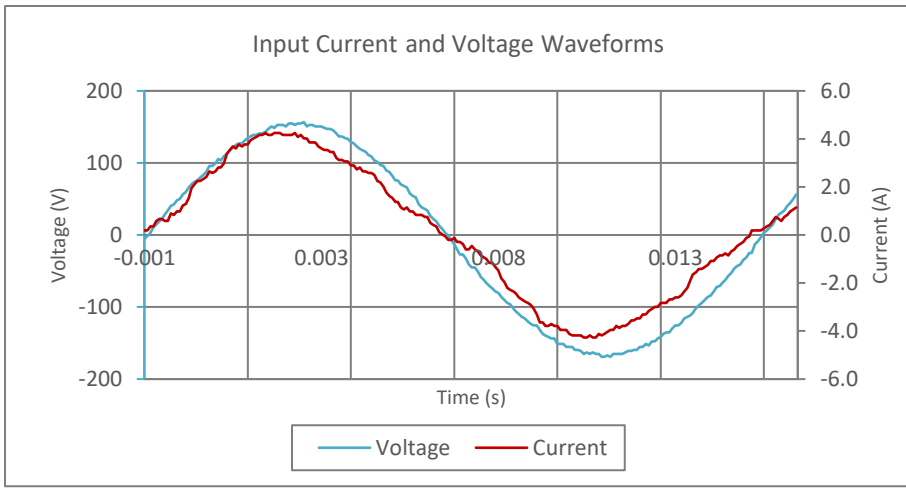


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	86.95%
AVERAGE EFFICIENCY :	85.30%
80 PLUS COMPLIANT:	YES



ID Number	5550
Manufacturer	SilverStone Technology Co., Ltd.
Model Number	SST-ST55F-PB
Serial Number	N/A
Year	2019
Type	ATX12V, PS2
Test Date	4/23/19

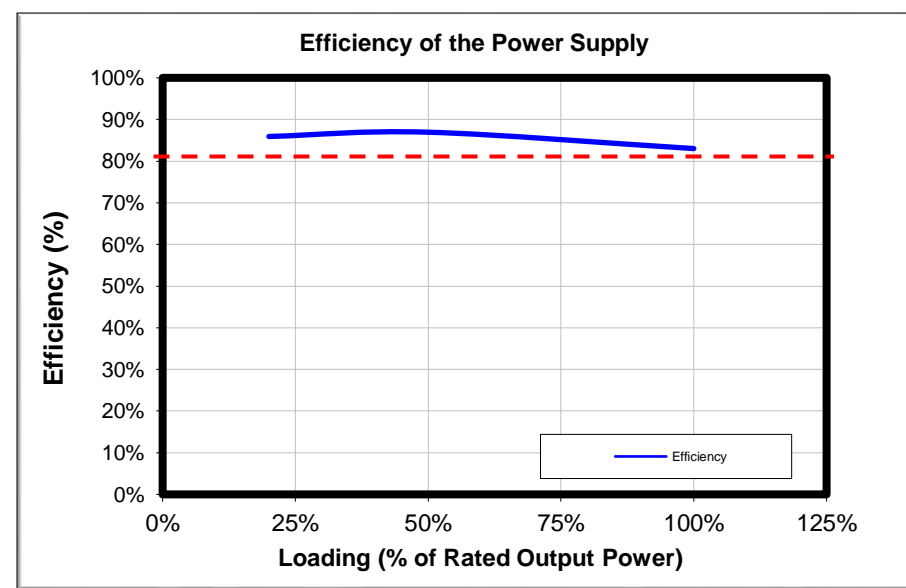
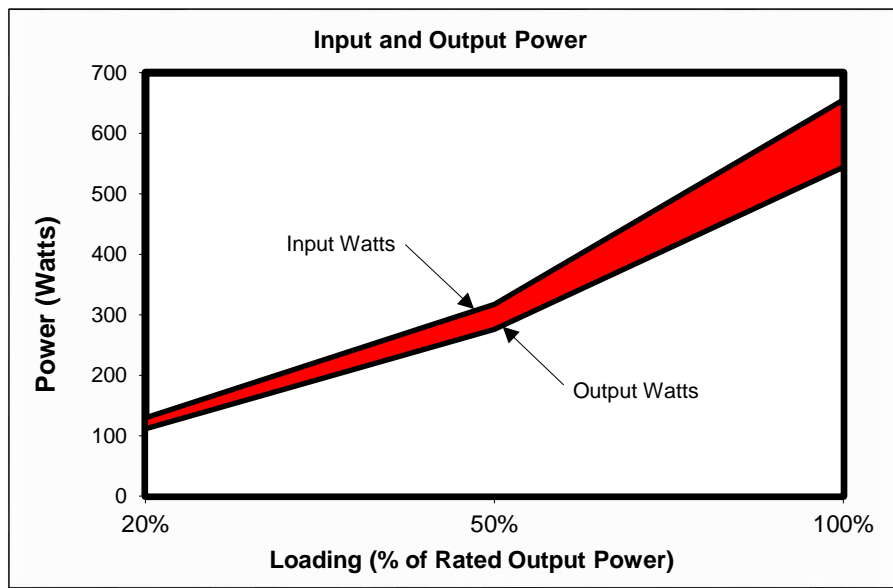


Rated Specifications	Value	Units
Input Voltage	115-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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

Input AC Current Waveform (ITHD = 11.01%, 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
0.62	0.96	24.02%	10%	68.60	12.12/3.74	11.93/0.03	3.37/1.06	5.05/1.06	5.15/0.22	55.73	81.24%
1.15	0.98	16.22%	20%	129.50	12.09/7.5	11.97/0.05	3.36/2.12	5.03/2.11	5.13/0.44	111.27	85.92%
2.78	0.99	11.01%	50%	317.20	11.99/18.76	12.03/0.13	3.33/5.29	4.97/5.25	5.07/1.1	275.80	86.95%
5.74	0.99	7.74%	100%	654.90	11.86/37.43	12.24/0.26	3.26/10.59	4.88/10.48	4.98/2.2	543.69	83.02%



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/>

