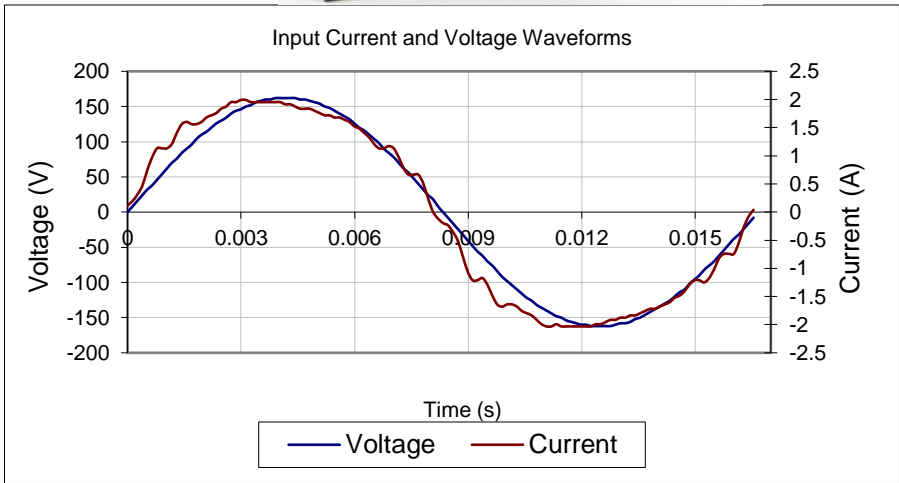


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	85.42%
AVERAGE EFFICIENCY :	83.63%
80 PLUS COMPLIANT:	YES



ID Number	4736
Manufacturer	SilverStone Technology
Model Number	SST-ST30SF V2.0
Serial Number	NA
Year	2016
Type	SFX
Test Date	10/13/16

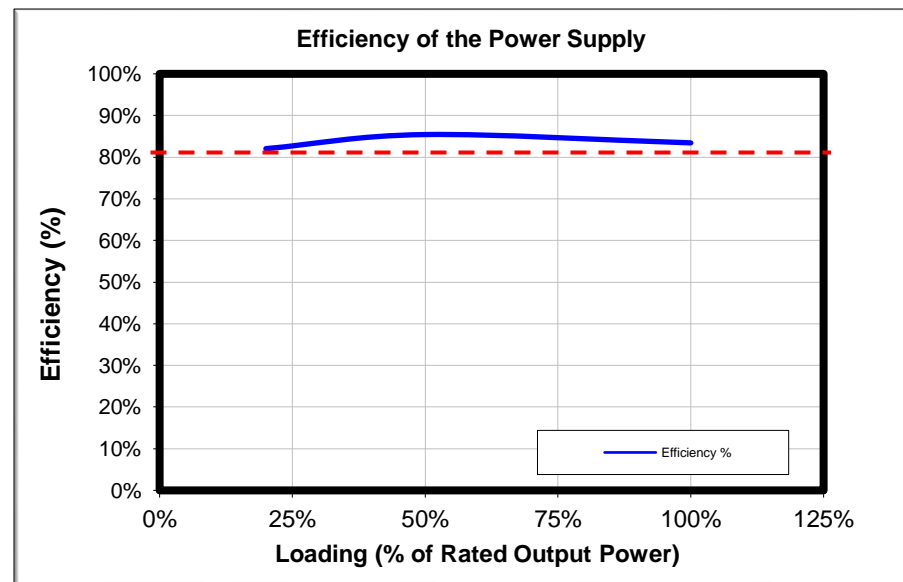
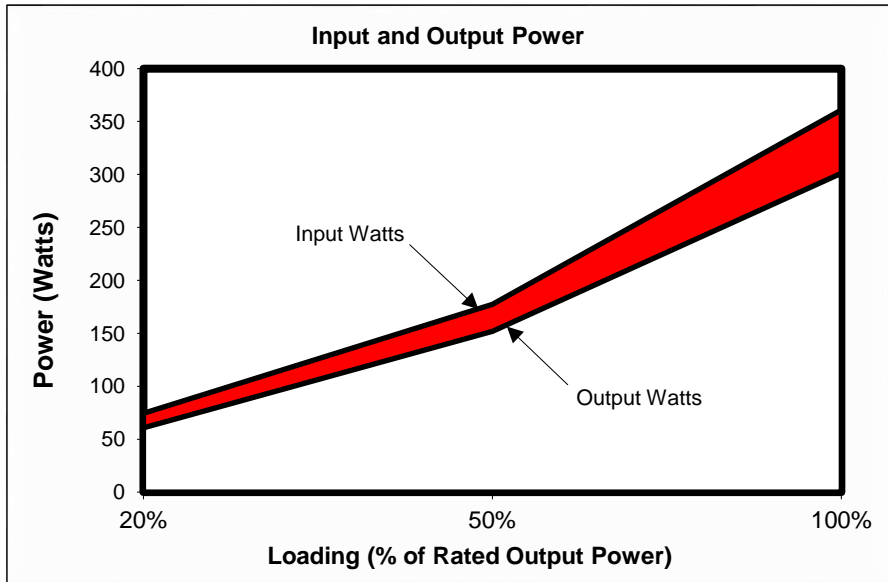


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	300	Watts

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

Input AC Current Waveform (ITHD = 11.24%, 50% Load)

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.)	-12V	3.3V	5V			5Vsb
0.39	0.91	8.39%	10%	40.71	12.17/1.84	11.98/0.02	3.35/0.8	5.06/0.8	5.18/0.22	30.53	74.99%
0.68	0.95	14.38%	20%	74.25	12.15/3.68	11.97/0.04	3.35/1.59	5.08/1.59	5.15/0.44	60.91	82.03%
1.56	0.99	11.24%	50%	177.56	12.12/9.2	11.98/0.11	3.33/3.98	5.04/3.95	5.13/1.1	151.67	85.42%
3.16	0.99	7.56%	100%	361.00	12.07/18.36	11.97/0.22	3.3/7.95	5/7.9	5.07/2.2	301.18	83.43%



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/>

