

80 PLUS Verification and Testing Report

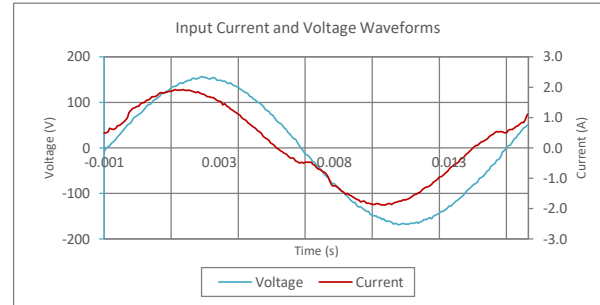
TYPICAL EFFICIENCY (50% Load):	87.68%
AVERAGE EFFICIENCY :	85.68%
80 PLUS COMPLIANT:	YES



ID Number	5729
Manufacturer	SilverStone Technology Co., Ltd.
Model Number	SST-SX450-B
Serial Number	CZSX450B19360064
Year	2019
Type	SFX
Test Date	10/21/19

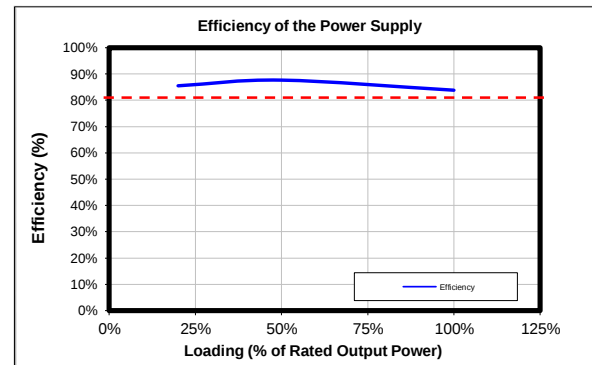
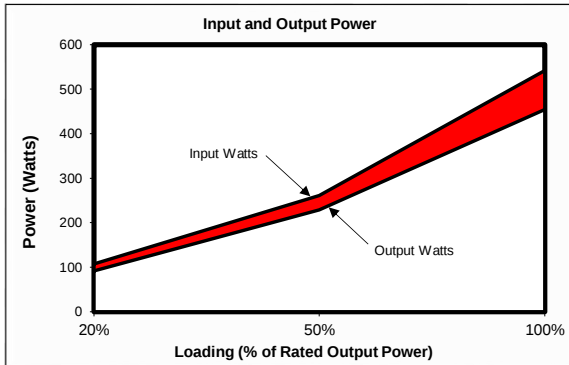
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6-2.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	450	Watts

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



Input AC Current Waveform (ITHD = 8.88%, 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		
0.51	0.98	8.53%	10%	57.51	12.25/2.88	12.22/0.02	3.43/1.11	5.08/1.11	5.01/0.19	45.88	79.78%
0.95	0.99	9.98%	20%	107.55	12.23/5.78	12.21/0.05	3.42/2.22	5.07/2.21	4.96/0.38	91.98	85.52%
2.29	0.99	8.88%	50%	261.20	12.18/14.47	12.21/0.12	3.39/5.55	5.03/5.5	4.94/0.96	229.03	87.68%
4.75	0.99	9.57%	100%	541.90	12.12/28.91	12.29/0.23	3.33/11.11	4.97/10.99	4.94/1.92	454.37	83.85%



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/>

