

80 PLUS Verification and Testing Report

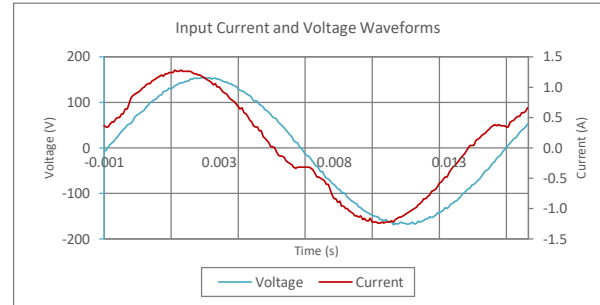
TYPICAL EFFICIENCY (50% Load):	87.13%
AVERAGE EFFICIENCY :	85.04%
80 PLUS COMPLIANT:	YES



ID Number	5728
Manufacturer	SilverStone Technology Co., Ltd.
Model Number	SST-SX300-B
Serial Number	N/A
Year	2019
Type	SFX
Test Date	10/18/19

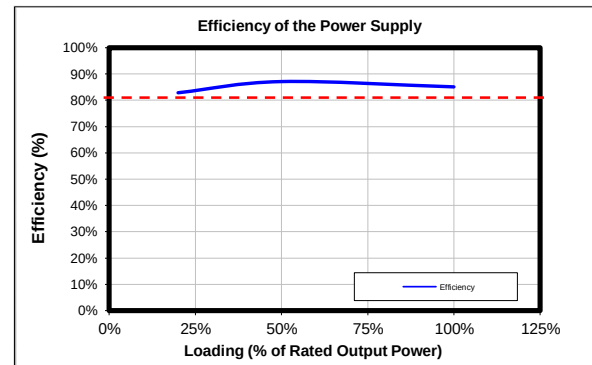
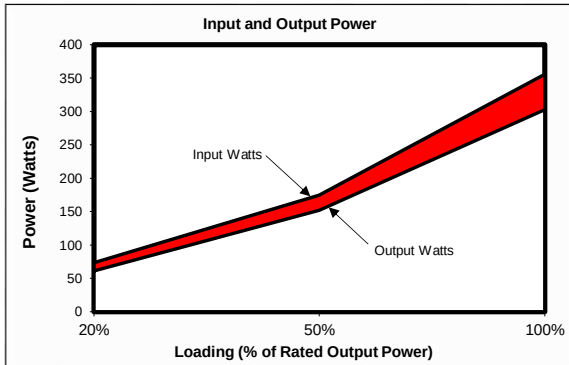
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	5-2	Amps
Input Frequency	50-60	Hz
Rated Output Power	300	Watts

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



Input AC Current Waveform (ITHD = 11.11%, 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		
0.37	0.97	10.65%	10%	40.69	12.22/1.73	12.05/0.02	3.4/0.99	5.09/0.99	4.9/0.17	30.64	75.31%
0.65	0.98	11.10%	20%	73.67	12.21/3.45	12.06/0.04	3.39/1.99	5.07/1.98	4.87/0.34	61.05	82.87%
1.54	0.99	11.11%	50%	174.62	12.17/8.64	12.08/0.1	3.36/4.97	5.04/4.93	4.84/0.86	152.15	87.13%
3.13	0.99	11.86%	100%	355.70	12.13/17.28	12.13/0.21	3.32/9.95	4.99/9.85	4.85/1.72	302.74	85.11%



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/>

