

80 PLUS Verification and Testing Report

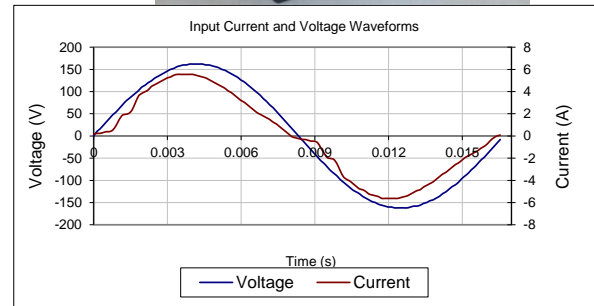
TYPICAL EFFICIENCY (50% Load):	94.27%
AVERAGE EFFICIENCY :	93.28%
80 PLUS COMPLIANT:	YES



ID Number	4811
Manufacturer	SilverStone Technology
Model Number	SST-SX800-LTI
Serial Number	N/A
Year	2016
Type	SFX
Test Date	1/5/17

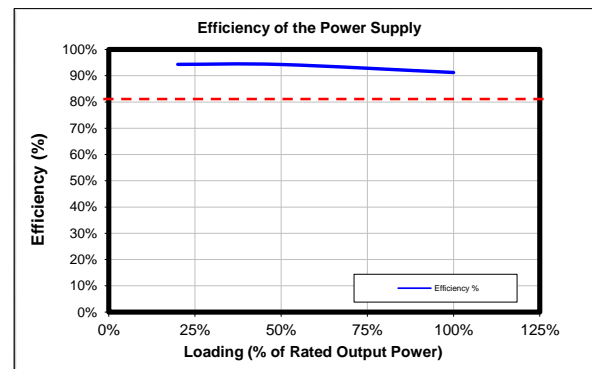
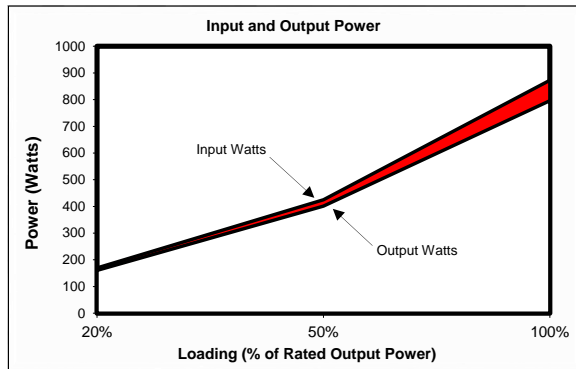
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	800	Watts

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



Input AC Current Waveform (ITHD = 13.78%, 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		
1.18	0.64	30.17%	10%	86.42	11.97/5.95	11.95/0.03	3.33/0.9	5.08/0.85	5.07/0.23	80.06	92.64%
1.74	0.85	22.68%	20%	169.79	11.96/11.93	11.73/0.05	3.32/1.8	5.07/1.69	5.06/0.45	160.16	94.33%
3.88	0.95	13.78%	50%	425.20	11.96/29.88	11.95/0.14	3.31/4.52	5.06/4.19	5.05/1.13	400.85	94.27%
7.71	0.98	6.11%	100%	872.50	11.95/59.38	11.97/0.27	3.29/9.04	5.03/8.39	5.01/2.25	795.98	91.23%



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/>

