

80 PLUS Verification and Testing Report

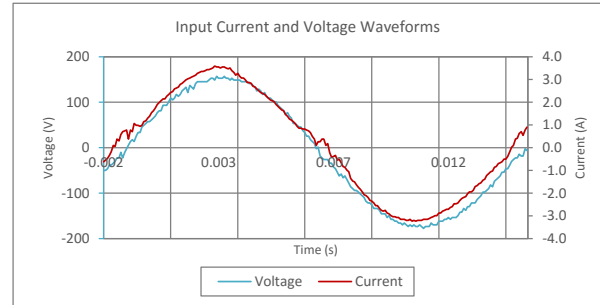
TYPICAL EFFICIENCY (50% Load):	85.92%
AVERAGE EFFICIENCY :	84.11%
80 PLUS COMPLIANT:	YES



ID Number	5258
Manufacturer	SilverStone Technology
Model Number	SST-ET450-B
Serial Number	N/A
Year	2018
Type	ATX12V,PS2
Test Date	3/15/18

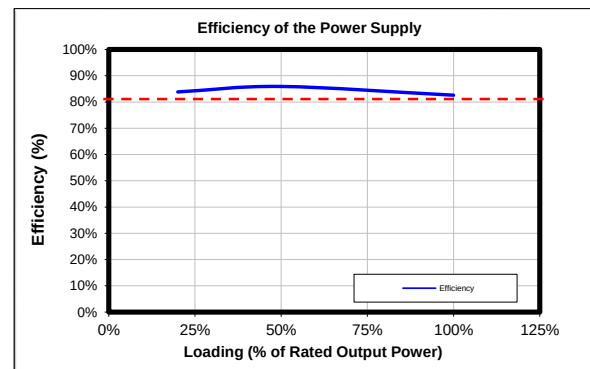
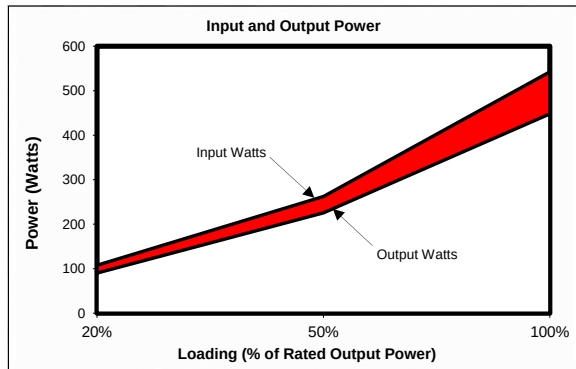
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	7	Amps
Input Frequency	47-63	Hz
Rated Output Power	450	Watts

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



Input AC Current Waveform (I_{THD} = 6.21%, 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		
0.53	0.95	19.11%	10%	57.66	11.91/2.93	11.64/0.03	3.39/1.07	5.13/1.01	5.08/0.21	45.10	78.22%
0.96	0.98	11.71%	20%	107.75	11.92/5.87	11.68/0.05	3.38/2.15	5.12/2.01	5.07/0.43	90.33	83.83%
2.29	1.00	6.21%	50%	262.40	11.93/14.67	11.76/0.13	3.36/5.37	5.09/5	5.03/1.07	225.44	85.92%
4.74	1.00	6.33%	100%	542.40	11.91/29.26	11.95/0.26	3.3/10.76	5.04/9.98	4.97/2.15	447.97	82.59%



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/>

