

80 PLUS Verification and Testing Report

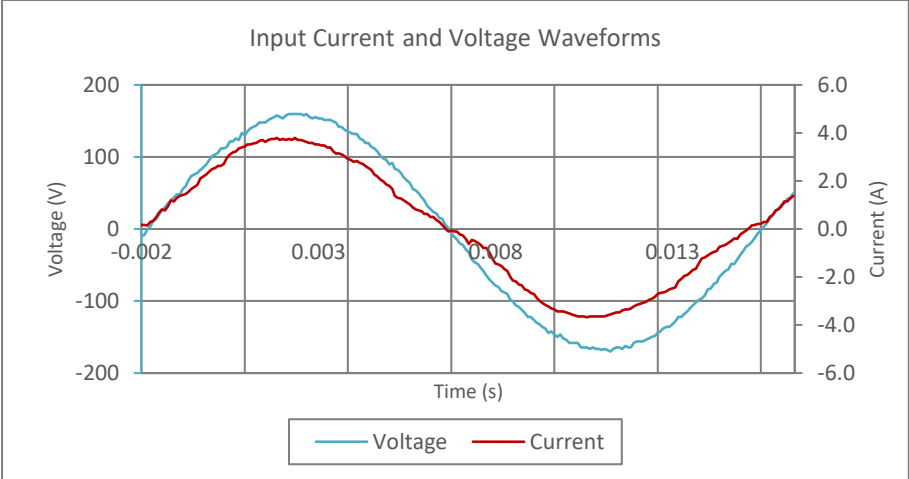
TYPICAL EFFICIENCY (50% Load):	87.26%
AVERAGE EFFICIENCY :	85.63%
80 PLUS COMPLIANT:	YES



ID Number	6287
Manufacturer	SilverStone Technology Co., Ltd.
Model Number	SST-ET500-ARGB
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/6/21

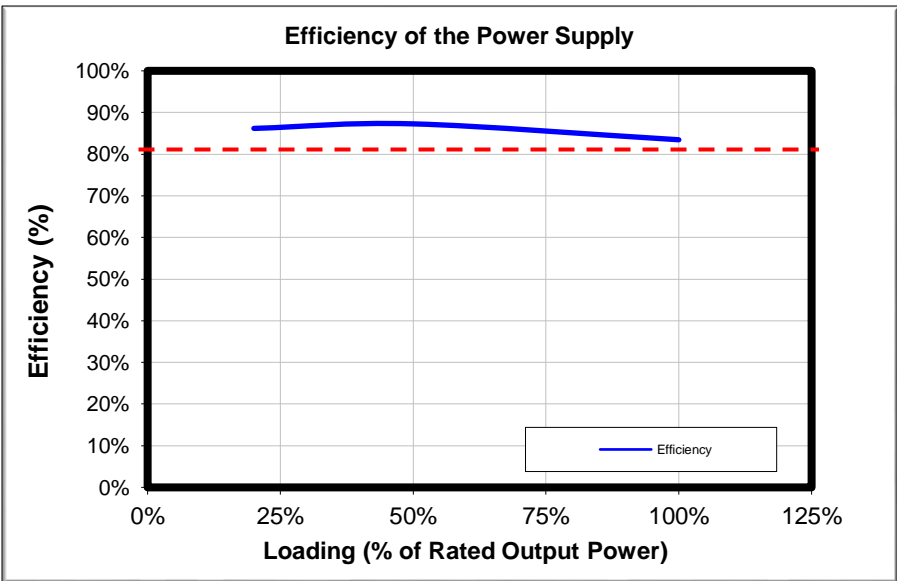
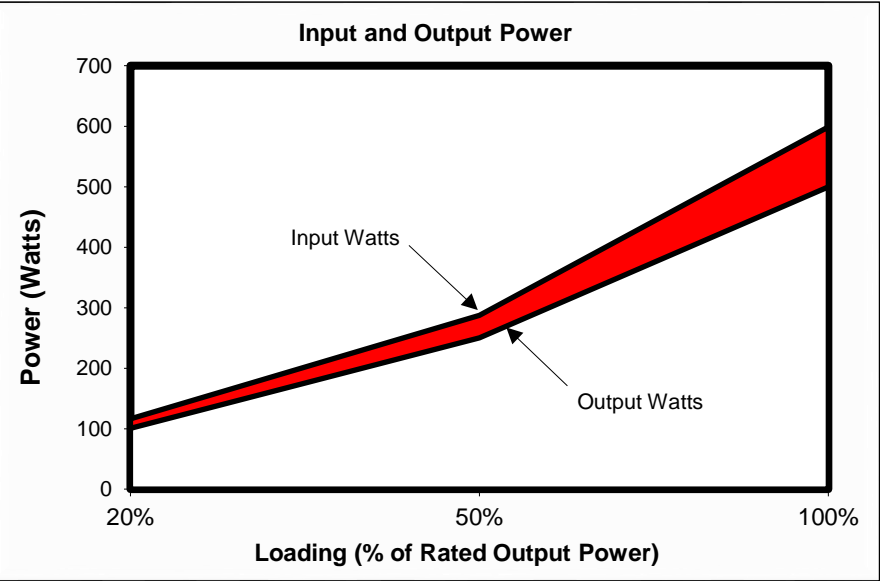
Rated Specifications	Value	Units
Input Voltage	115-230	Volts
Input Current	7	Amps
Input Frequency	47-63	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (ITHD = 7.73%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.54	0.97	15.97%	10%	60.94	11.91/3.28	11.58/0.03	3.41/1.18	5.13/1.11	5.07/0.21	50.15	82.30%
1.03	0.98	15.64%	20%	116.49	11.93/6.56	11.63/0.05	3.4/2.36	5.1/2.21	5.06/0.43	100.39	86.18%
2.51	0.99	7.73%	50%	287.00	11.93/16.4	11.69/0.13	3.39/5.9	5.07/5.51	5.04/1.07	250.45	87.26%
5.22	1.00	4.52%	100%	598.70	11.93/32.76	11.82/0.26	3.36/11.8	5.03/11.01	4.99/2.15	499.61	83.45%



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/>

