

80 PLUS Verification and Testing Report

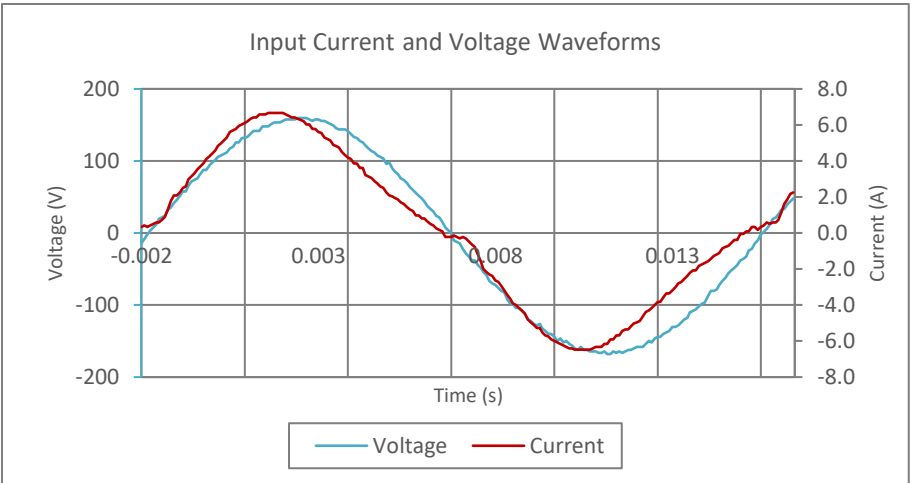
TYPICAL EFFICIENCY (50% Load):	91.32%
AVERAGE EFFICIENCY :	90.06%
80 PLUS COMPLIANT:	YES



ID Number	6293
Manufacturer	SilverStone Technology Co., Ltd.
Model Number	SST-AX0850MCGD-A
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/12/21

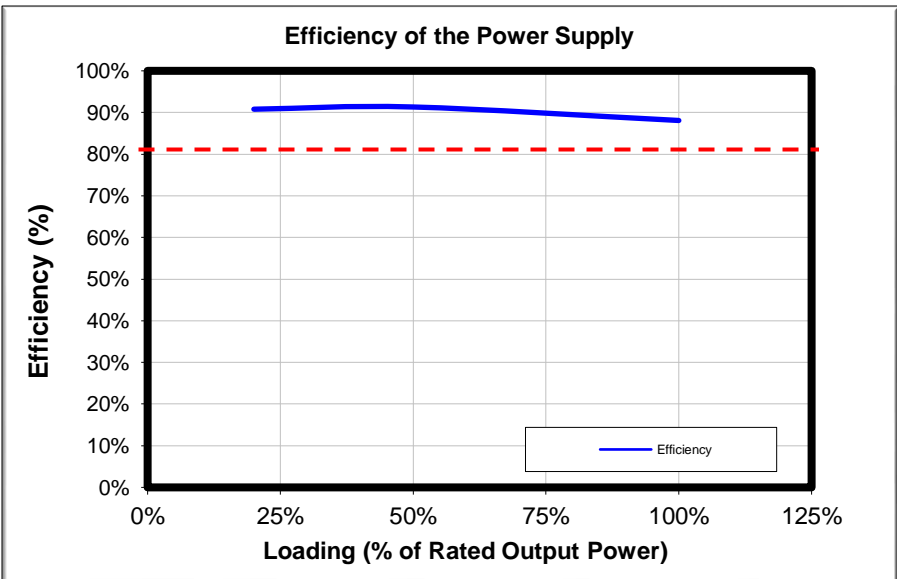
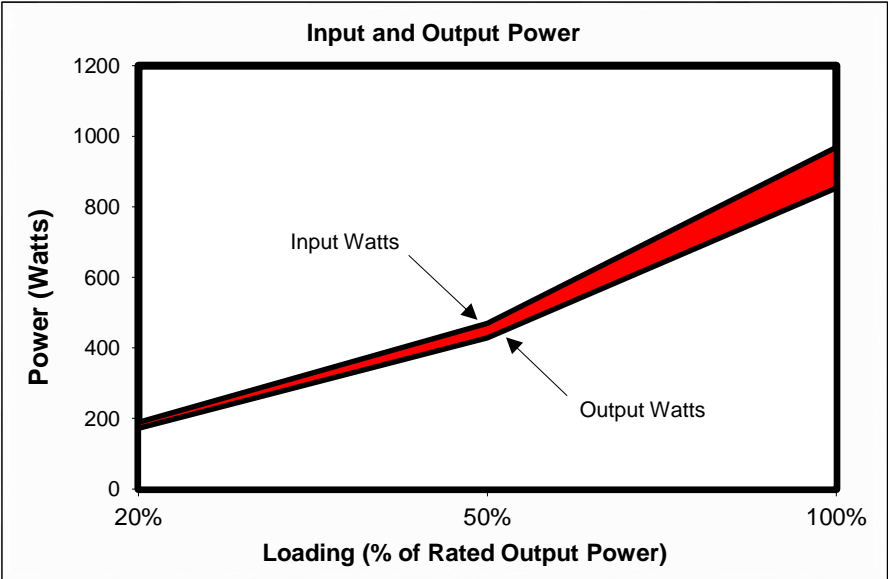
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12	Amps
Input Frequency	47-63	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 13.97%, 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		
0.89	0.96	15.34%	10%	97.90	12.08/6.18	12.25/0.03	3.26/1.16	5.02/1.16	5.06/0.22	85.68	87.52%
1.68	0.98	11.78%	20%	189.24	12.08/12.4	12.32/0.05	3.26/2.32	5.02/2.31	5.05/0.44	171.81	90.79%
4.17	0.98	13.97%	50%	469.10	12.07/30.96	11.84/0.13	3.26/5.79	5.02/5.74	5.01/1.09	428.39	91.32%
8.55	0.99	11.77%	100%	968.80	12.05/61.74	12.23/0.26	3.26/11.61	5.01/11.48	4.94/2.19	853.32	88.08%



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/>