

80 PLUS Verification and Testing Report

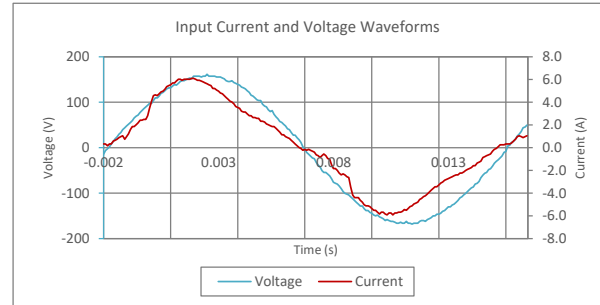
TYPICAL EFFICIENCY (50% Load):	90.91%
AVERAGE EFFICIENCY :	89.67%
80 PLUS COMPLIANT:	YES



ID Number	6292
Manufacturer	SilverStone Technology Co., Ltd.
Model Number	SST-AX0750MCGD-A
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	1/12/21

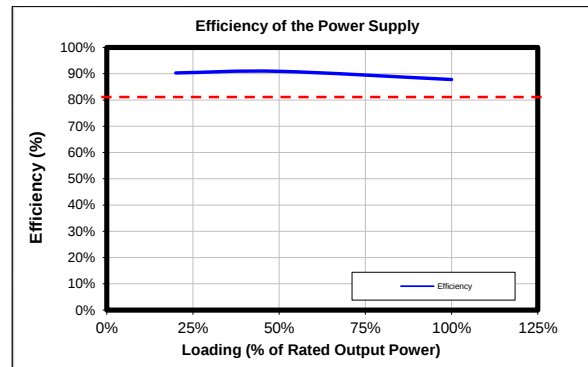
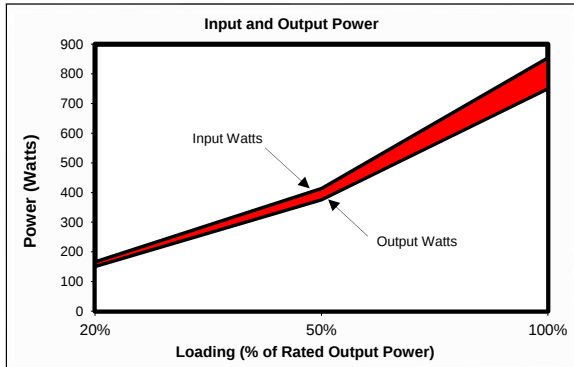
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (I_{THD} = 17.39%, 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		
0.79	0.95	22.84%	10%	86.33	12/5.35	12.01/0.03	3.26/1.14	5.03/1.14	5.09/0.22	75.03	86.91%
1.49	0.97	19.08%	20%	166.69	12/10.75	12.03/0.05	3.26/2.28	5.03/2.27	5.08/0.43	150.52	90.30%
3.68	0.98	17.39%	50%	413.50	11.98/26.86	11.8/0.13	3.25/5.72	5.02/5.66	5.04/1.08	375.92	90.91%
7.57	0.98	13.79%	100%	854.00	11.98/53.6	12.05/0.26	3.25/11.44	5.02/11.31	4.98/2.15	749.78	87.80%



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/>