

80 PLUS Verification and Testing Report

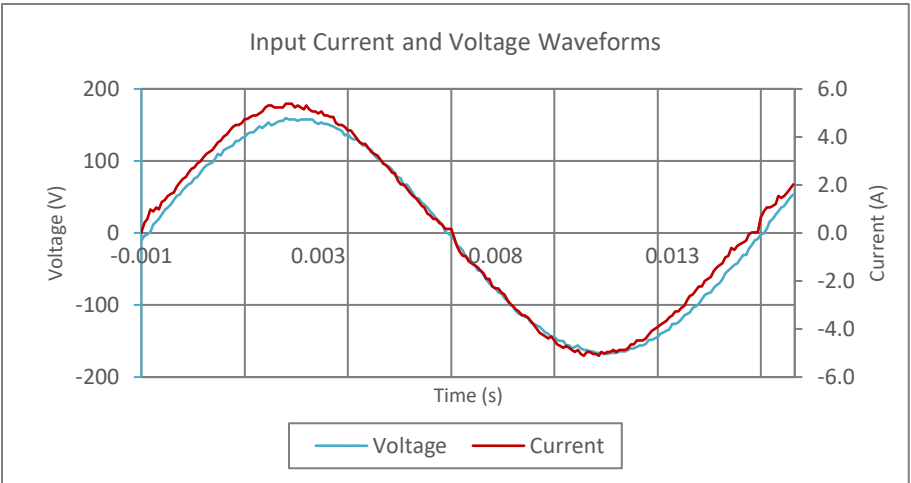
TYPICAL EFFICIENCY (50% Load):	91.77%
AVERAGE EFFICIENCY :	90.68%
80 PLUS COMPLIANT:	YES



ID Number	6637
Manufacturer	Cooler Master
Model Number	MPZ-7501-AFAG
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	9/24/21

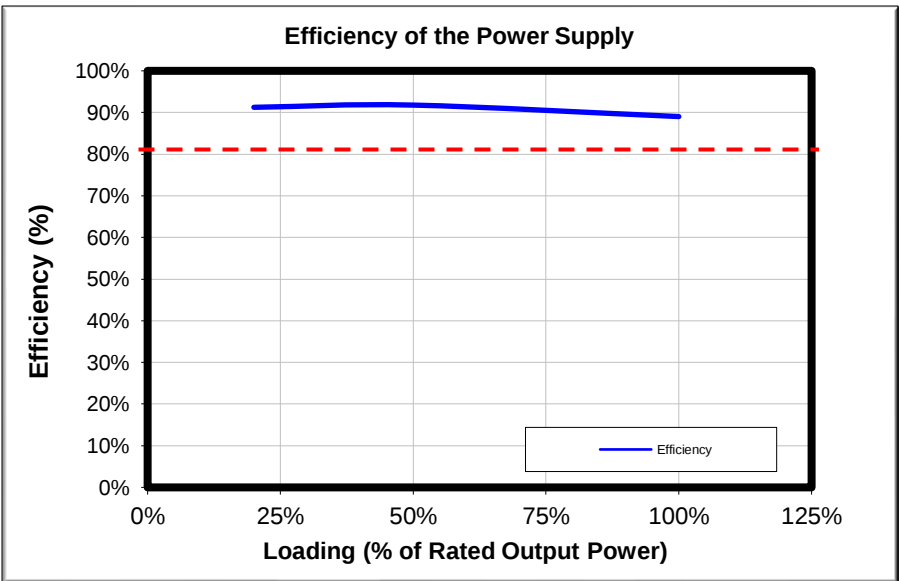
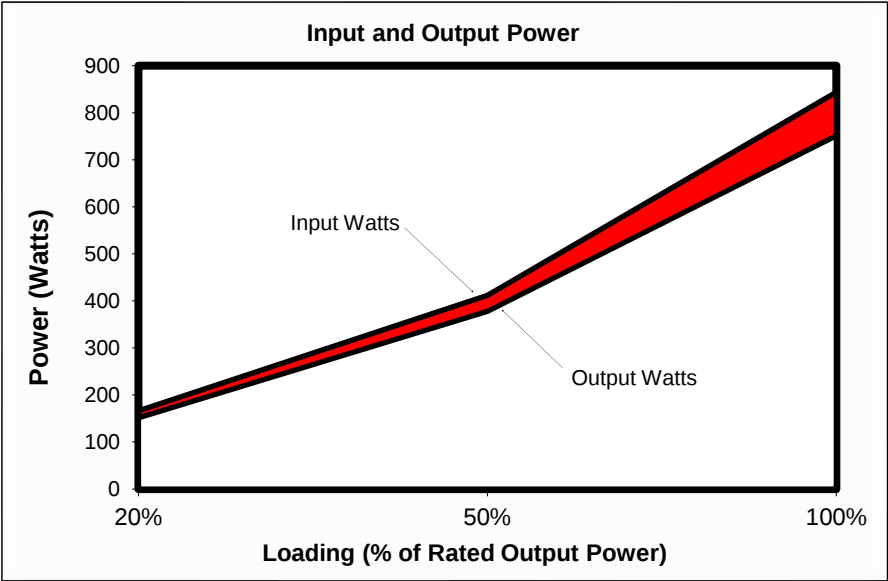
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 4.03%, 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	16.73%	10%	85.95	12.09/5.3	11.78/0.03	3.28/1.22	5.04/1.22	5/0.25	75.78	88.16%
1.47	0.98	10.48%	20%	166.21	12.08/10.62	11.85/0.05	3.28/2.44	5.03/2.43	4.98/0.51	151.66	91.25%
3.60	1.00	4.03%	50%	411.60	12.06/26.49	12.01/0.13	3.27/6.11	5.02/6.05	4.91/1.27	377.73	91.77%
7.35	1.00	3.52%	100%	843.80	12.03/52.84	12.21/0.25	3.25/12.21	5/12.08	4.82/2.53	751.17	89.02%



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/>