

80 PLUS Verification and Testing Report

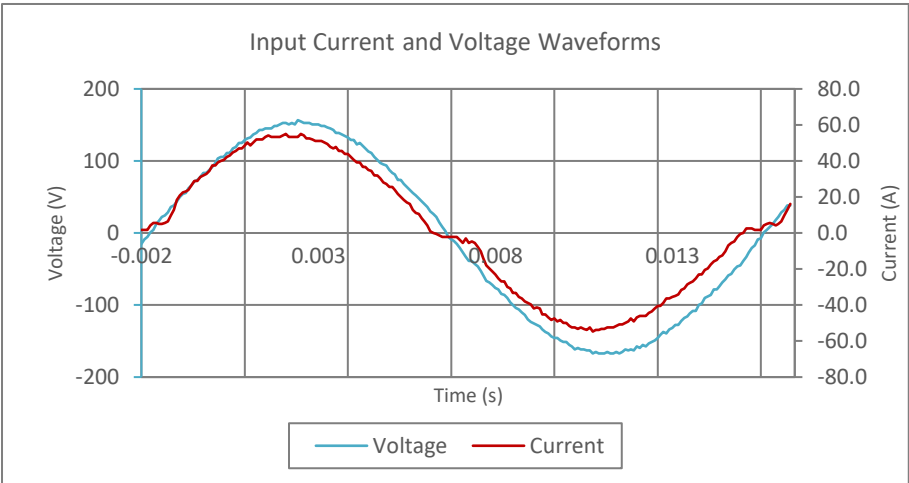
TYPICAL EFFICIENCY (50% Load):	91.14%
AVERAGE EFFICIENCY :	90.11%
80 PLUS COMPLIANT:	YES



ID Number	5928
Manufacturer	Cooler Master
Model Number	MPE-7501-ACAAG
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/17/20

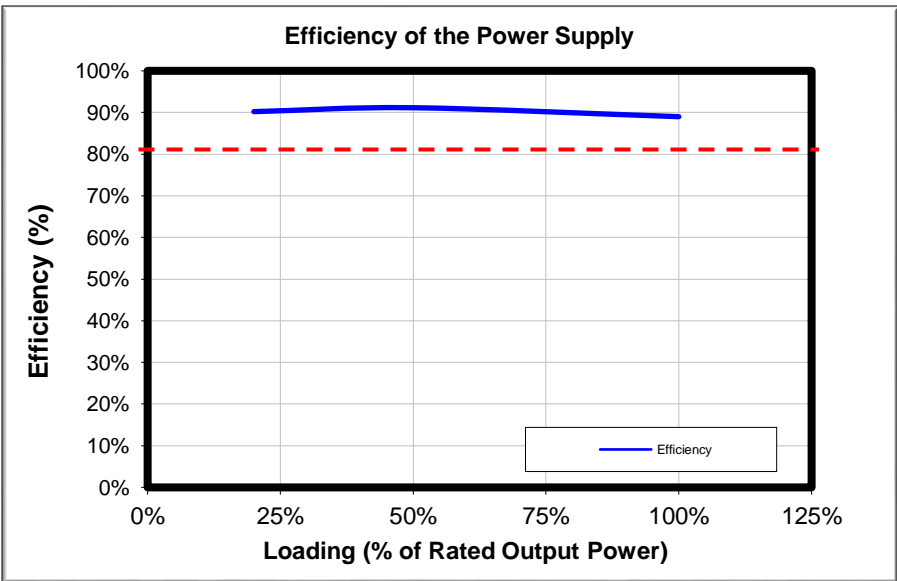
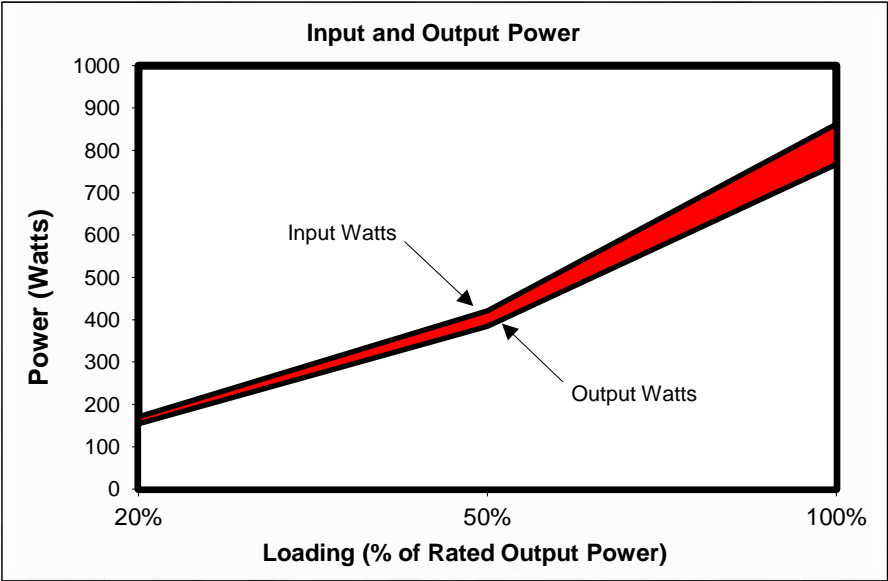
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 8.2%, 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		
0.82	0.94	10.15%	10%	89.03	12.26/5.4	12.11/0.03	3.36/1.04	5.05/1.04	5.13/0.26	76.59	86.03%
1.53	0.97	16.39%	20%	170.49	12.27/10.84	12.13/0.05	3.36/2.08	5.05/2.07	5.12/0.52	153.79	90.20%
3.70	0.99	8.20%	50%	421.30	12.25/27.11	12.19/0.13	3.36/5.2	5.06/5.16	5.09/1.3	383.97	91.14%
7.54	0.99	4.61%	100%	861.80	12.26/54.15	12.39/0.26	3.37/10.41	5.06/10.3	5.04/2.59	766.95	88.99%



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/>

