

80 PLUS Verification and Testing Report

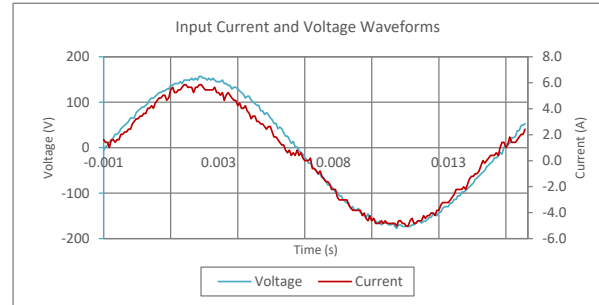
TYPICAL EFFICIENCY (50% Load):	90.99%
AVERAGE EFFICIENCY :	89.66%
80 PLUS COMPLIANT:	YES



ID Number	5348
Manufacturer	CoolerMaster
Model Number	MPY-7501-AFAAGV
Serial Number	N/A
Year	2018
Type	ATX12V
Test Date	7/26/18

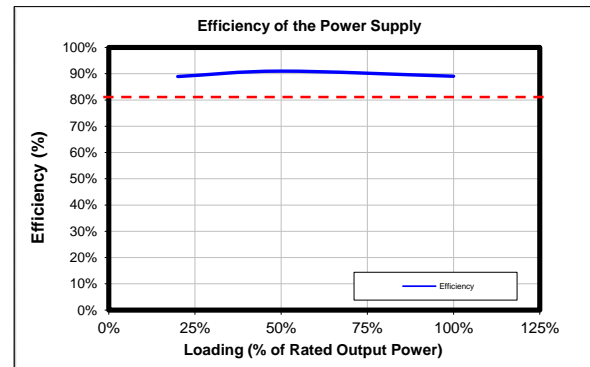
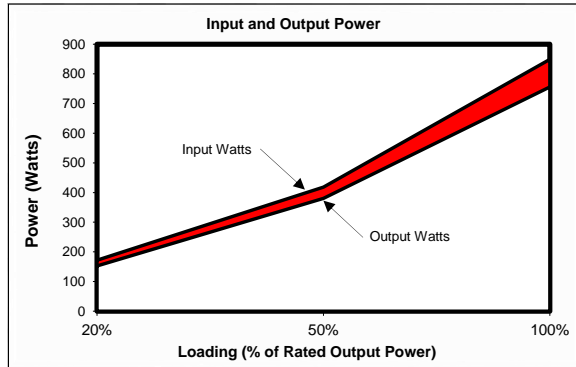
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (I_{THD} = 5.95%, 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		
0.82	0.96	13.24%	10%	90.74	12.18/5.24	11.97/0.03	3.34/1.32	5.09/1.32	5.06/0.25	76.54	84.35%
1.51	0.99	3.01%	20%	171.58	12.17/10.47	11.76/0.05	3.33/2.63	5.08/2.61	5.04/0.5	152.59	88.93%
3.65	1.00	5.95%	50%	418.10	12.14/26.16	12.03/0.13	3.31/6.58	5.06/6.52	5/1.26	380.42	90.99%
7.41	1.00	6.53%	100%	849.00	12.1/52.22	12.05/0.25	3.27/13.18	5.03/13.03	4.93/2.52	755.98	89.04%



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/>

