

80 PLUS Verification and Testing Report

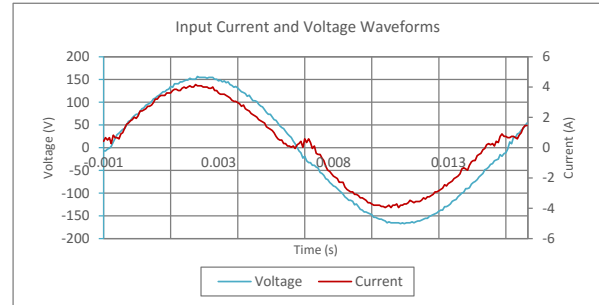
TYPICAL EFFICIENCY (50% Load):	91.75%
AVERAGE EFFICIENCY :	90.63%
80 PLUS COMPLIANT:	YES



ID Number	5036
Manufacturer	Cooler Master Technology Inc.
Model Number	MPY-5501-ACAAG
Serial Number	N/A
Year	2017
Type	ATX12V
Test Date	8/31/17

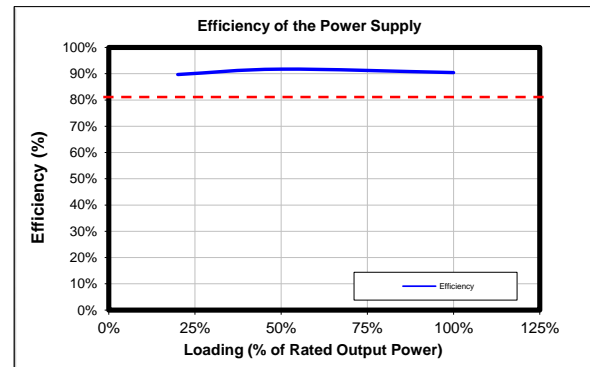
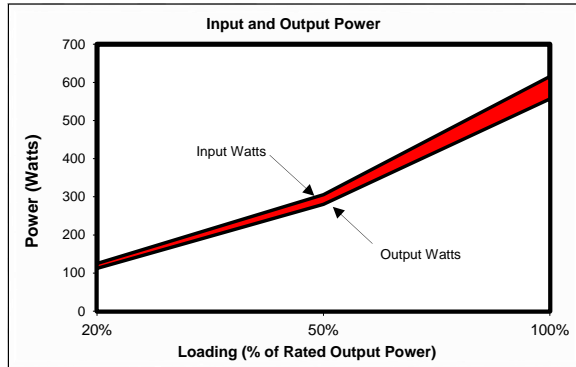
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.3	Amps
Input Frequency	50/60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (I_{THD} = 10.485%, 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		
0.61	0.94	7.00%	10%	66.32	12.24/3.79	11.78/0.02	3.39/1	5.09/1	5.11/0.21	56.12	84.63%
1.11	0.98	7.03%	20%	125.22	12.23/7.59	11.74/0.05	3.38/1.99	5.09/1.98	5.11/0.41	112.33	89.70%
2.69	0.99	10.49%	50%	305.46	12.21/19.01	11.89/0.12	3.3/4.99	5.07/4.94	5.07/1.03	280.26	91.75%
5.37	1.00	5.43%	100%	615.41	12.17/37.8	11.88/0.25	3.33/9.96	5.05/9.85	5.02/2.07	556.54	90.43%



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/>

