

80 PLUS Verification and Testing Report

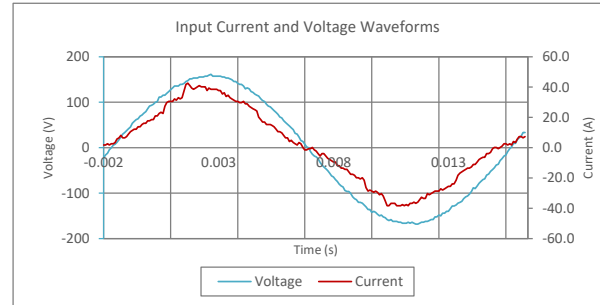
TYPICAL EFFICIENCY (50% Load):	90.91%
AVERAGE EFFICIENCY :	89.62%
80 PLUS COMPLIANT:	YES



ID Number	6126
Manufacturer	Cooler Master Technology Inc
Model Number	MPW-5001-ACAAG
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	9/16/20

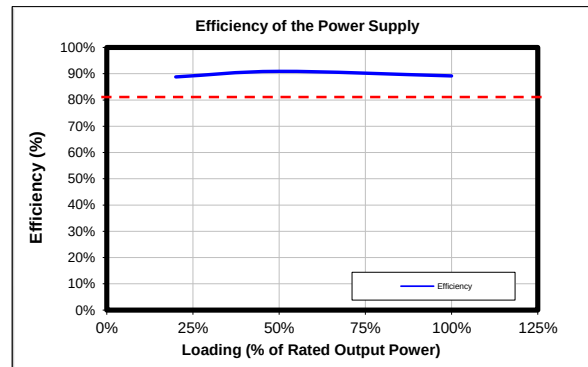
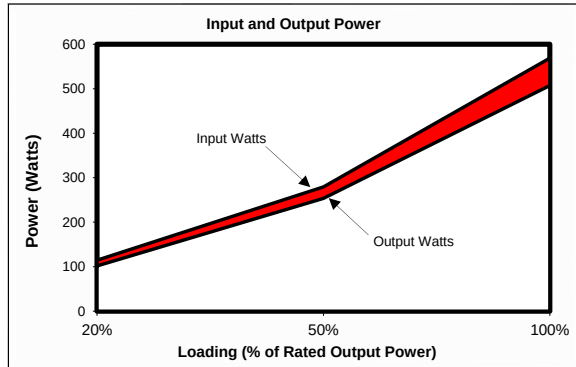
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	500	Watts

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



Input AC Current Waveform (I_{THD} = 14.29%, 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		
0.56	0.95	13.18%	10%	61.10	12.15/3.37	11.57/0.02	3.35/0.98	5.09/0.98	5.1/0.24	50.66	82.92%
1.02	0.97	13.45%	20%	114.37	12.15/6.75	11.54/0.05	3.34/1.95	5.08/1.94	5.09/0.49	101.54	88.78%
2.47	0.98	14.29%	50%	279.20	12.16/16.92	11.64/0.12	3.32/4.87	5.05/4.84	5.04/1.21	253.82	90.91%
5.03	0.98	15.56%	100%	568.80	12.18/33.8	11.9/0.24	3.29/9.76	5.02/9.66	4.98/2.43	507.17	89.16%



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/>

