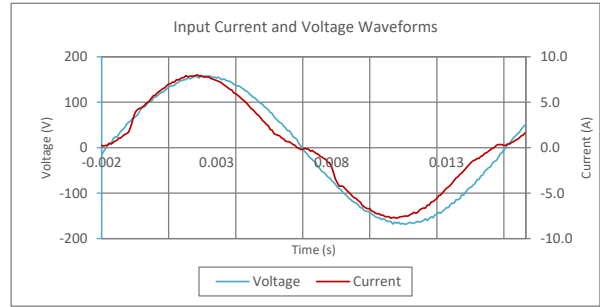


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.69%
AVERAGE EFFICIENCY :	90.75%
80 PLUS COMPLIANT:	YES



ID Number	6232
Manufacturer	Cooler Master Technology Inc
Model Number	MPE-A501-AFCAG
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	12/14/20

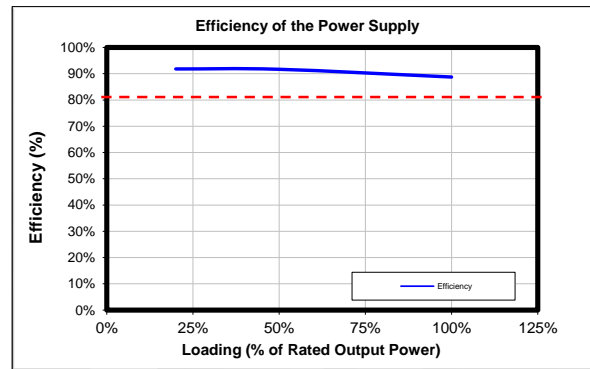
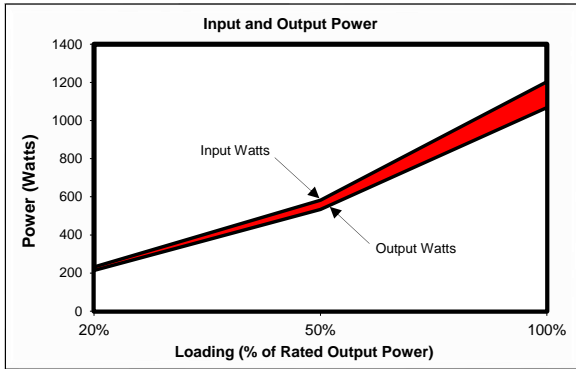


Input AC Current Waveform (ITHD = 13.85%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	13-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1050	Watts

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

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
1.08	0.97	12.90%	10%	120.33	12.13/7.75		12.06/0.03	3.36/1.28	5.03/1.27	5.11/0.27	106.41	88.43%
2.06	0.98	13.43%	20%	232.40	12.15/15.54		12.05/0.05	3.36/2.55	5.03/2.53	5.1/0.53	213.38	91.81%
5.14	0.98	13.85%	50%	581.90	12.16/38.8		12.06/0.13	3.36/6.4	5.03/6.34	5.06/1.33	533.54	91.69%
10.56	0.99	10.50%	100%	1203.20	12.19/77.52		12.09/0.27	3.36/12.79	5.03/12.64	4.99/2.65	1067.71	88.74%



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/>

