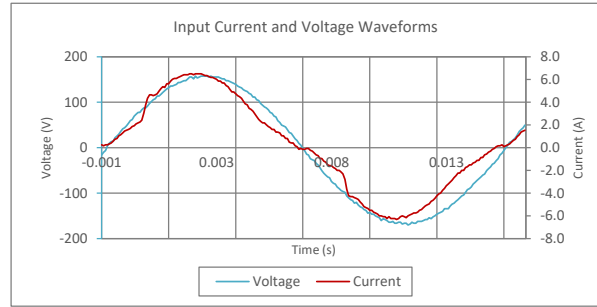


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	92.62%
AVERAGE EFFICIENCY :	91.75%
80 PLUS COMPLIANT:	YES



ID Number	6495
Manufacturer	Cooler Master
Model Number	MPG-8501-AFBAP
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	3/9/21

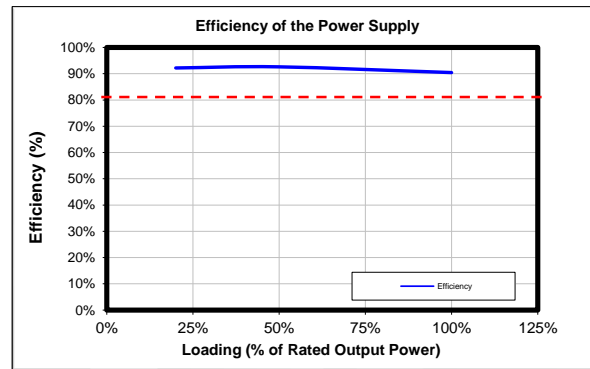
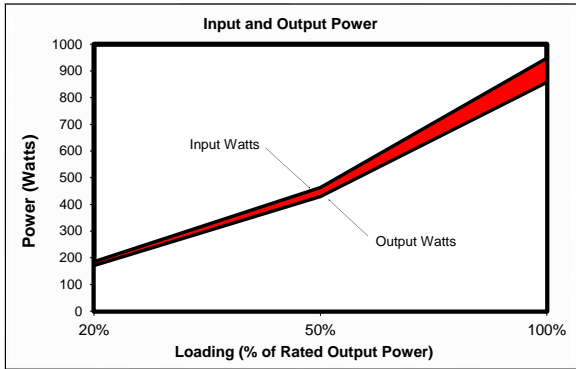


Input AC Current Waveform (ITHD = 15.86%, 50% Load)

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	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.)						
0.90	0.93	13.47%	10%	95.84	12.03/6.22	-12V	3.3V	5V	5Vsb	85.39	89.09%
1.67	0.97	12.11%	20%	185.58	12.04/12.46	11.32/0.05	3.35/2.12	5.03/2.11	5.1/0.53	171.10	92.20%
4.12	0.98	15.86%	50%	463.50	12.08/31.22	11.52/0.13	3.35/5.29	5.03/5.25	5.06/1.32	429.30	92.62%
8.35	0.99	12.29%	100%	947.90	12.07/62.37	11.92/0.26	3.35/10.59	5.03/10.48	4.99/2.63	857.29	90.44%



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/>