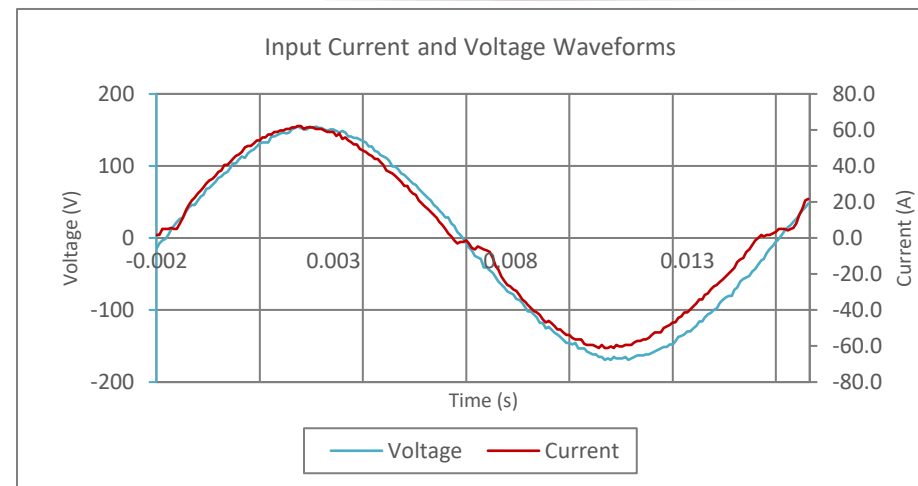


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.09%
AVERAGE EFFICIENCY :	90.05%
80 PLUS COMPLIANT:	YES



ID Number	5925
Manufacturer	Cooler Master
Model Number	MPE-8501-AFAAG
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/18/20

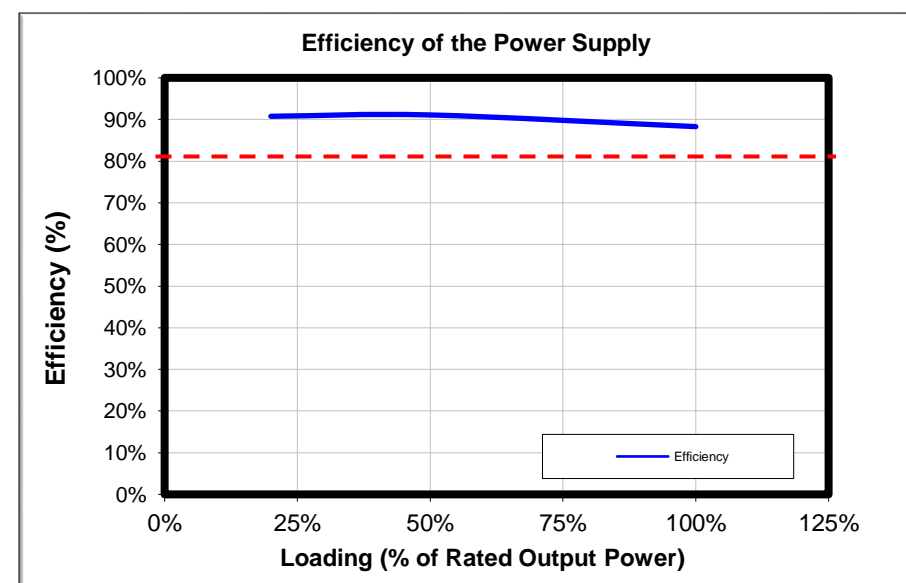
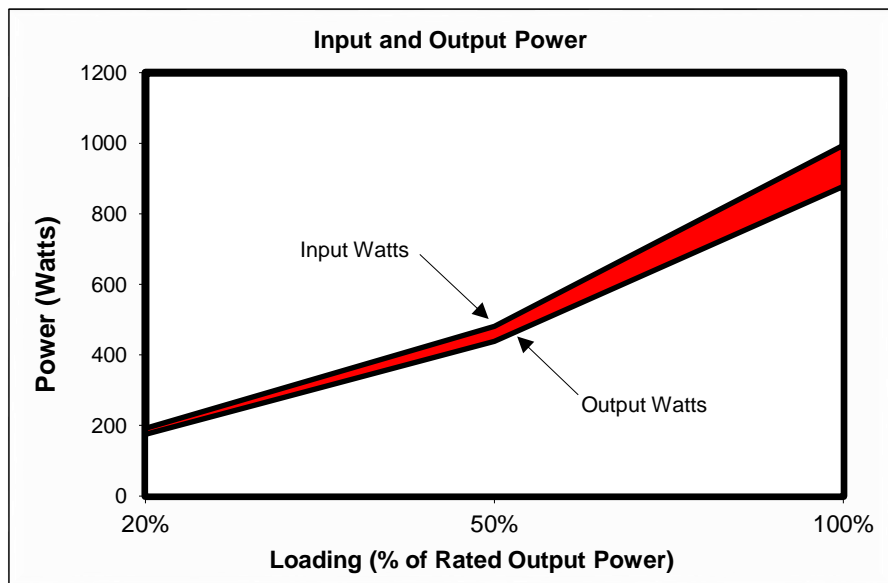


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 6.84%, 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		
0.92	0.94	10.44%	10%	99.99	12.32/6.23	12.2/0.03	3.35/1.06	5.08/1.06	5.09/0.26	87.40	87.41%
1.72	0.97	14.87%	20%	192.40	12.33/12.45	12.27/0.05	3.35/2.12	5.11/2.11	5.07/0.53	174.63	90.77%
4.22	0.99	6.84%	50%	480.90	12.33/31.21	12.53/0.13	3.35/5.29	5.21/5.25	5.01/1.32	438.04	91.09%
8.69	1.00	5.99%	100%	994.20	12.36/62.33	13.05/0.26	3.34/10.59	5.37/10.48	4.91/2.63	877.72	88.28%



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/>

