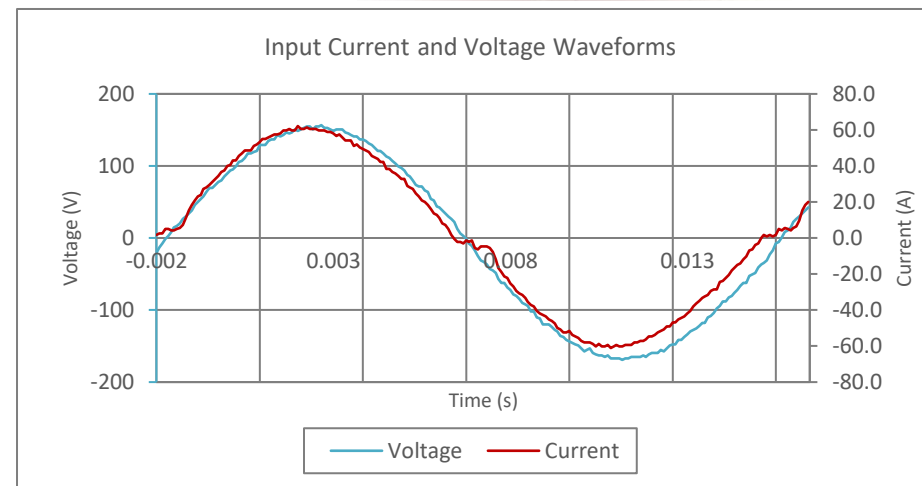


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.77%
AVERAGE EFFICIENCY :	90.85%
80 PLUS COMPLIANT:	YES



ID Number	5929
Manufacturer	Cooler Master
Model Number	MPE-8501-ACAAG
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/17/20

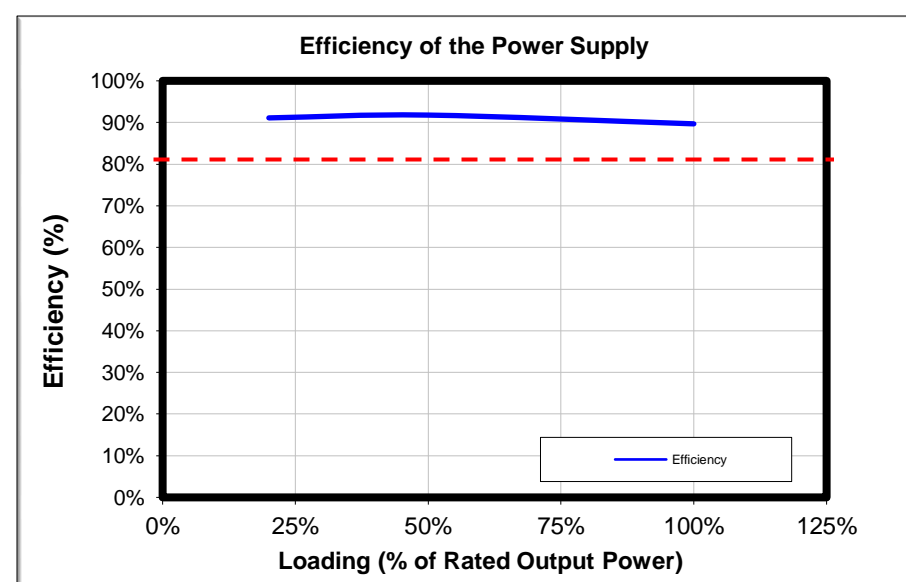
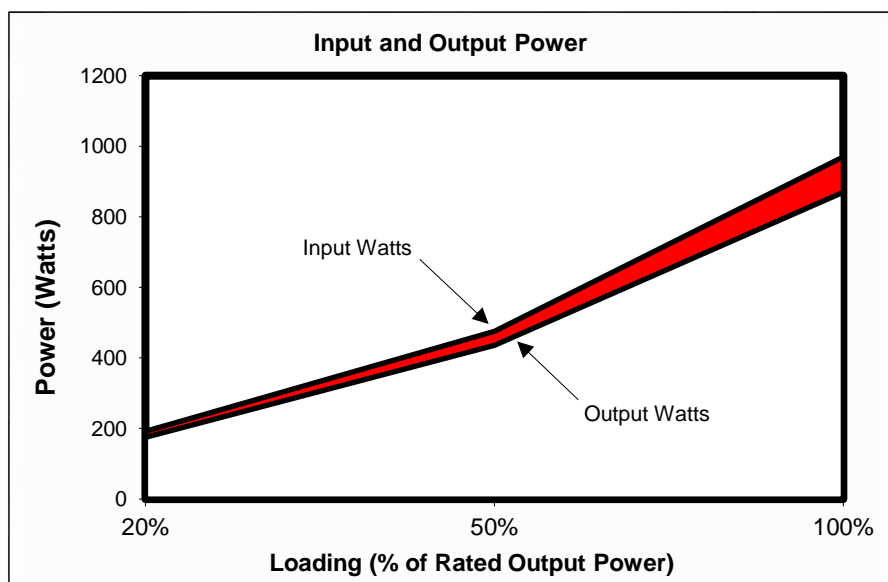


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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

Input AC Current Waveform (ITHD = 7.34%, 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	0.95	13.25%	10%	99.82	12.27/6.24	12.12/0.03	3.36/1.06	5.06/1.06	5.11/0.26	87.13	87.28%
1.71	0.97	15.45%	20%	191.40	12.28/12.48	12.17/0.05	3.36/2.12	5.06/2.11	5.1/0.53	174.36	91.10%
4.16	0.99	7.34%	50%	474.90	12.27/31.23	12.21/0.13	3.37/5.29	5.07/5.25	5.07/1.32	435.83	91.77%
8.48	1.00	4.65%	100%	969.90	12.27/62.32	12.4/0.26	3.37/10.59	5.06/10.48	5.01/2.63	869.75	89.67%



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/>

