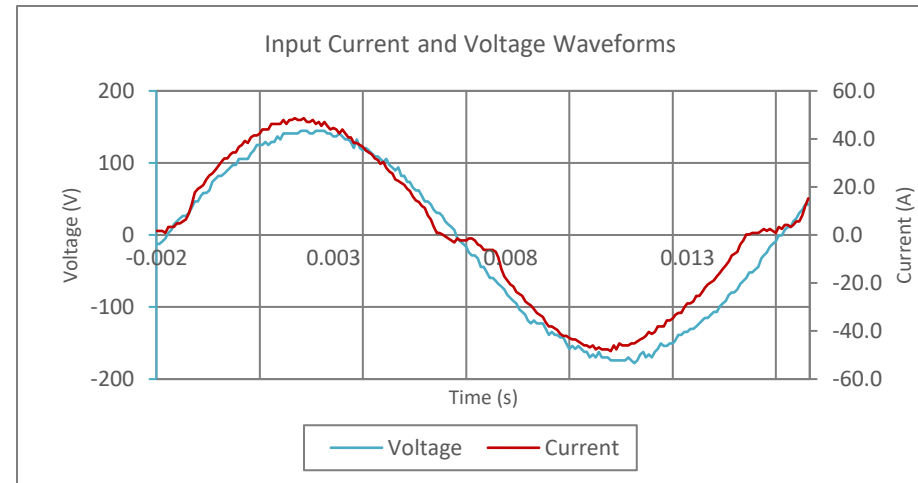


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	91.18%
AVERAGE EFFICIENCY :	90.14%
80 PLUS COMPLIANT:	YES



ID Number	5927
Manufacturer	Cooler Master
Model Number	MPE-6501-ACAAG
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	3/16/20

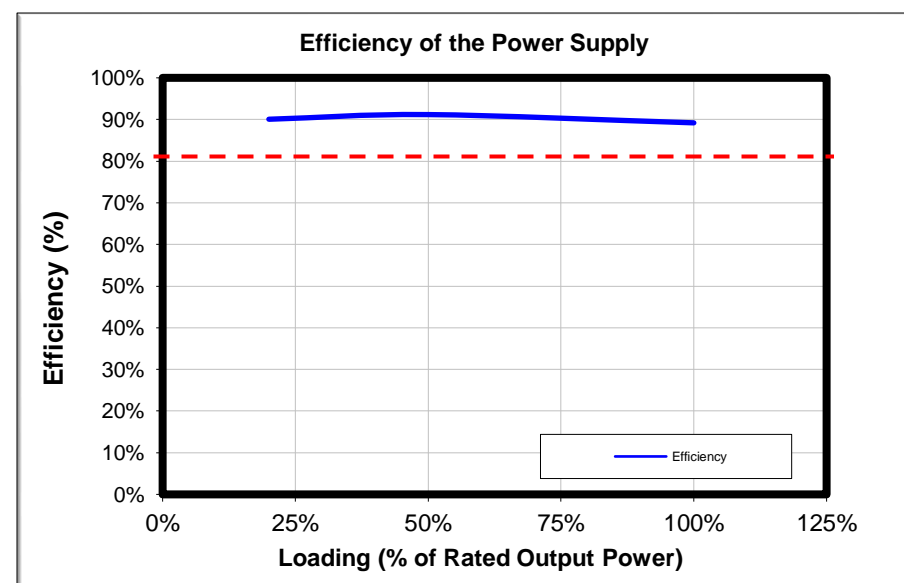
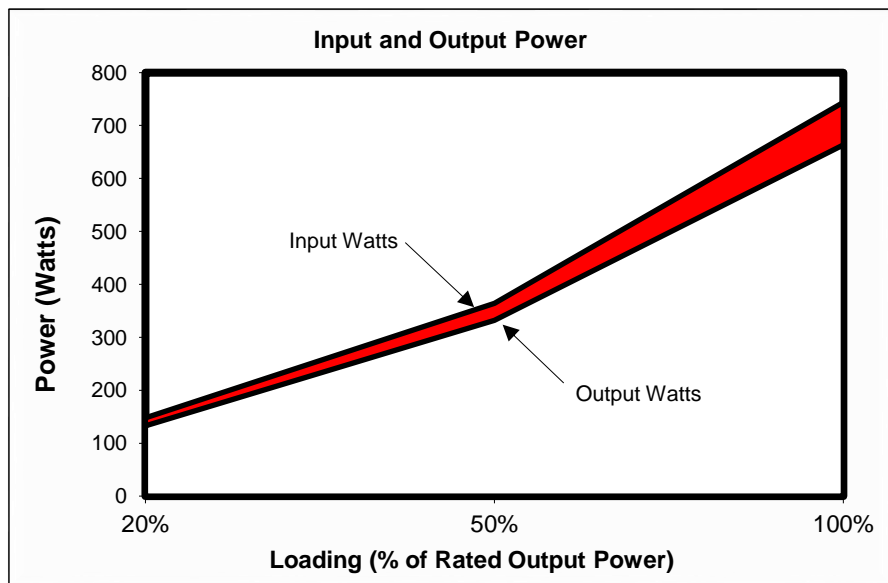


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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

Input AC Current Waveform (ITHD = 11.29%, 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		
0.72	0.94	7.45%	10%	77.49	12.23/4.59	12.1/0.03	3.34/1.02	5.05/1.02	5.1/0.25	66.37	85.65%
1.33	0.97	13.25%	20%	147.49	12.24/9.19	12.14/0.05	3.34/2.04	5.06/2.03	5.09/0.51	132.82	90.06%
3.22	0.99	11.29%	50%	364.53	12.24/23.01	12.18/0.13	3.35/5.1	5.06/5.06	5.06/1.27	332.37	91.18%
6.52	0.99	6.60%	100%	743.90	12.23/45.99	12.32/0.25	3.35/10.21	5.05/10.1	5.02/2.54	663.52	89.19%



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/>

