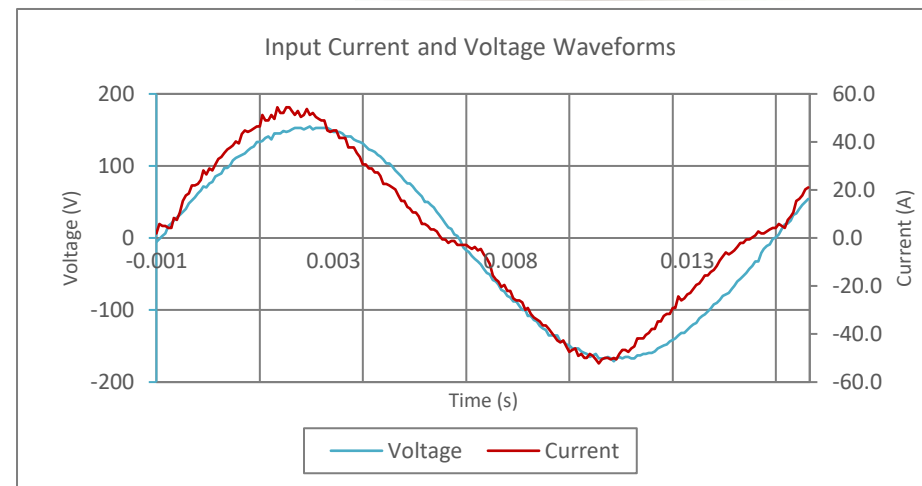


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	88.28%
AVERAGE EFFICIENCY :	86.50%
80 PLUS COMPLIANT:	YES



ID Number	5505
Manufacturer	Cooler Master Technology Inc.
Model Number	MPE-6501-ACAAW
Serial Number	N/A
Year	2019
Type	EPS12V
Test Date	2/19/19

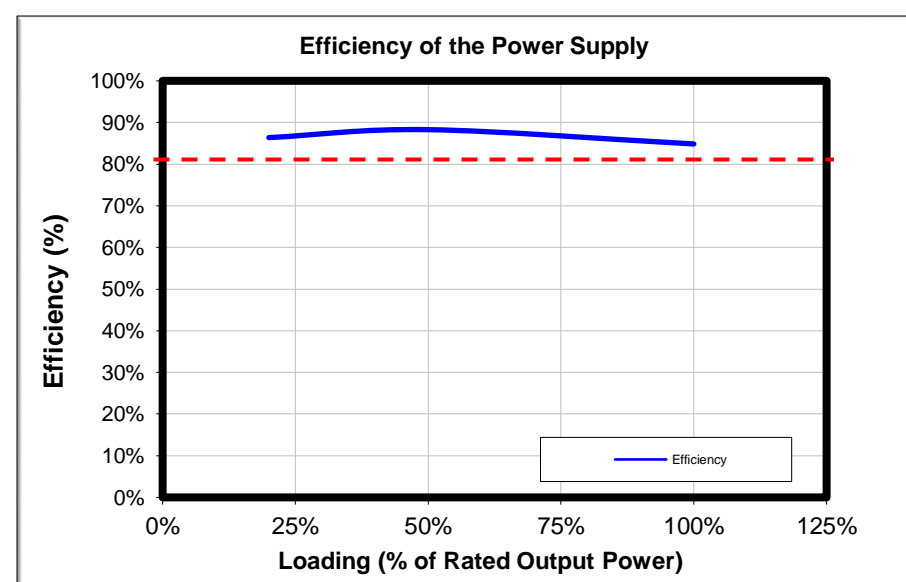
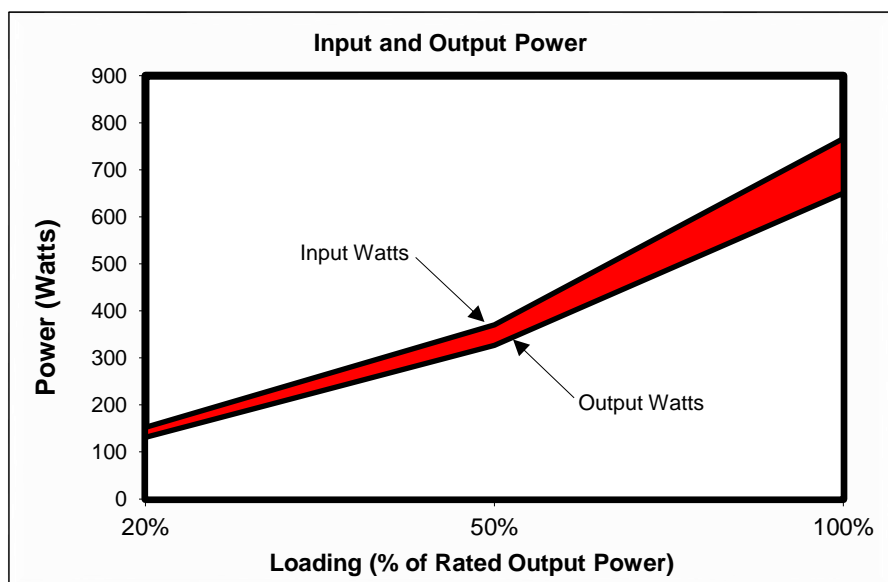


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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

Input AC Current Waveform (ITHD = 13.27%, 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		
0.75	0.96	14.39%	10%	82.28	12.11/4.47	12.28/0.02	3.37/1.19	5.01/1.19	5.17/0.25	65.68	79.83%
1.36	0.97	14.96%	20%	152.18	12.1/8.95	12.18/0.05	3.36/2.39	5/2.38	5.16/0.5	131.44	86.37%
3.29	0.98	13.27%	50%	370.60	12.05/22.41	11.94/0.12	3.34/5.98	4.97/5.92	5.11/1.24	327.16	88.28%
6.71	0.99	6.80%	100%	766.30	11.99/44.8	12.37/0.25	3.3/11.96	4.91/11.83	5.04/2.48	650.20	84.85%



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/>

