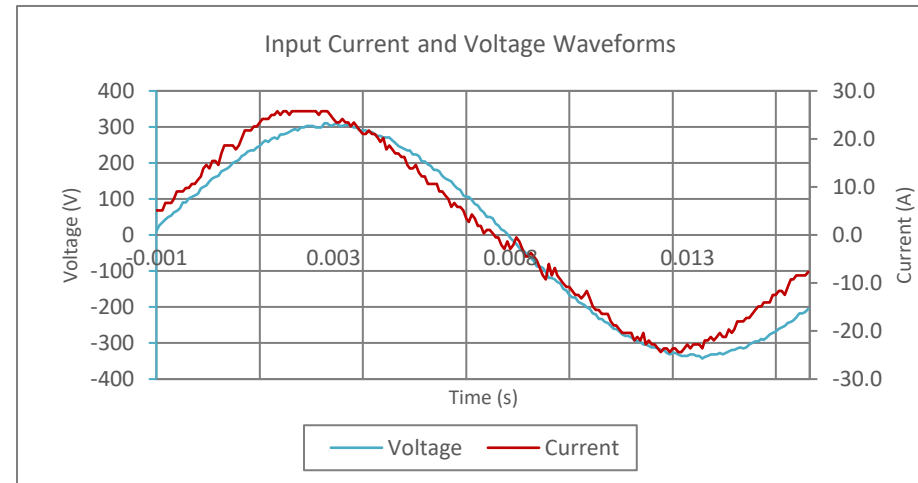


80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	89.27%
AVERAGE EFFICIENCY :	87.71%
80 PLUS COMPLIANT:	YES



ID Number	EU-489
Manufacturer	Cooler Master Technology Inc.
Model Number	MPE-6501-ACABW
Serial Number	N/A
Year	2019
Type	EPS12V
Test Date	2/19/19

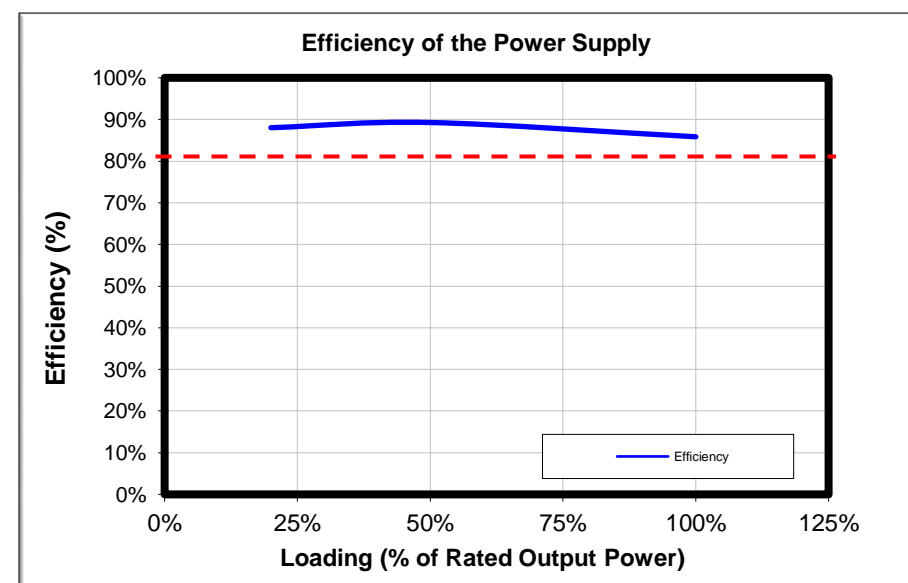
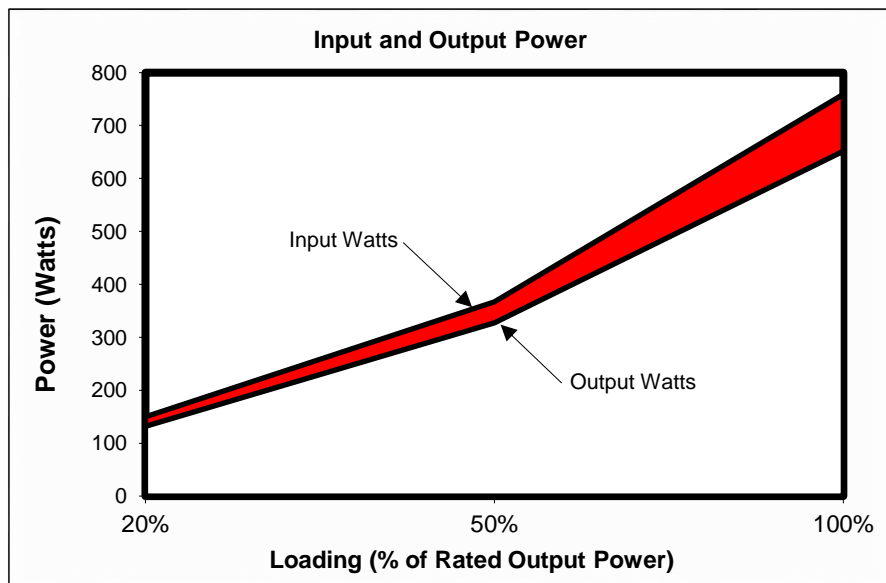


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.

Input AC Current Waveform (ITHD = 9.6%, 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		
0.48	0.73	9.34%	10%	80.83	12.15/4.47	12.12/0.02	3.37/1.19	5/1.19	5.17/0.25	65.81	81.41%
0.79	0.82	8.79%	20%	149.60	12.13/8.95	12.06/0.05	3.36/2.39	4.99/2.38	5.16/0.5	131.69	88.03%
1.72	0.93	9.60%	50%	367.20	12.08/22.41	11.97/0.12	3.34/5.98	4.95/5.92	5.12/1.24	327.79	89.27%
3.41	0.97	9.21%	100%	759.10	12.02/44.8	12.52/0.25	3.3/11.96	4.9/11.83	5.05/2.48	651.63	85.84%



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/>

