

80 PLUS Verification and Testing Report

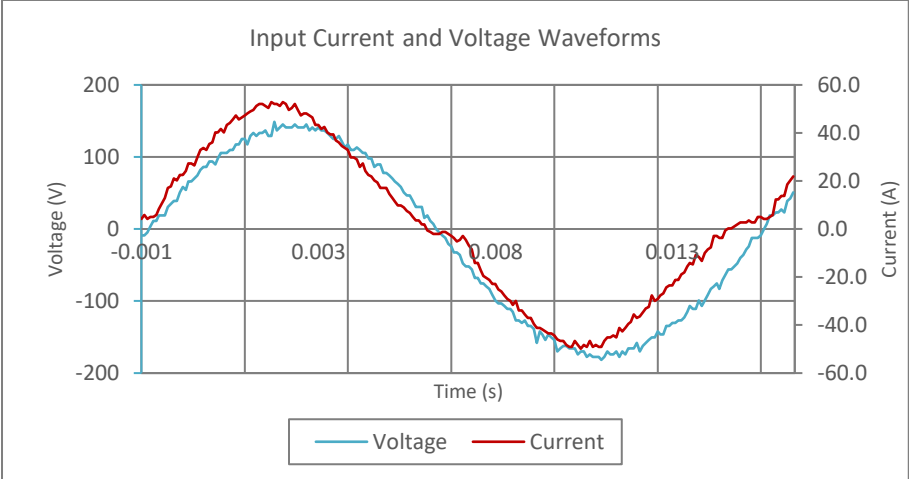
TYPICAL EFFICIENCY (50% Load):	89.27%
AVERAGE EFFICIENCY :	86.11%
80 PLUS COMPLIANT:	YES



ID Number	5508
Manufacturer	Cooler Master Technology Inc.
Model Number	MPE-6501-ACAAB
Serial Number	N/A
Year	2019
Type	EPS12V
Test Date	2/27/19

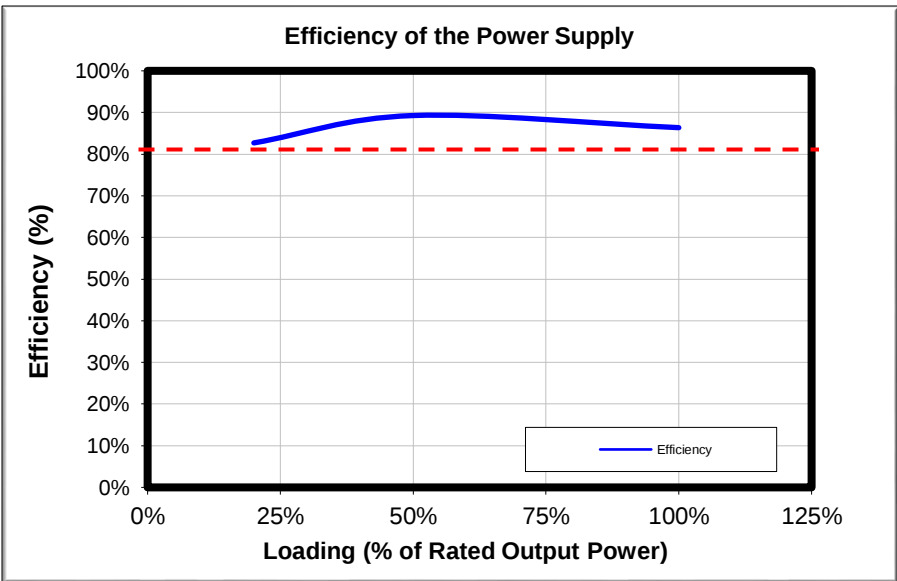
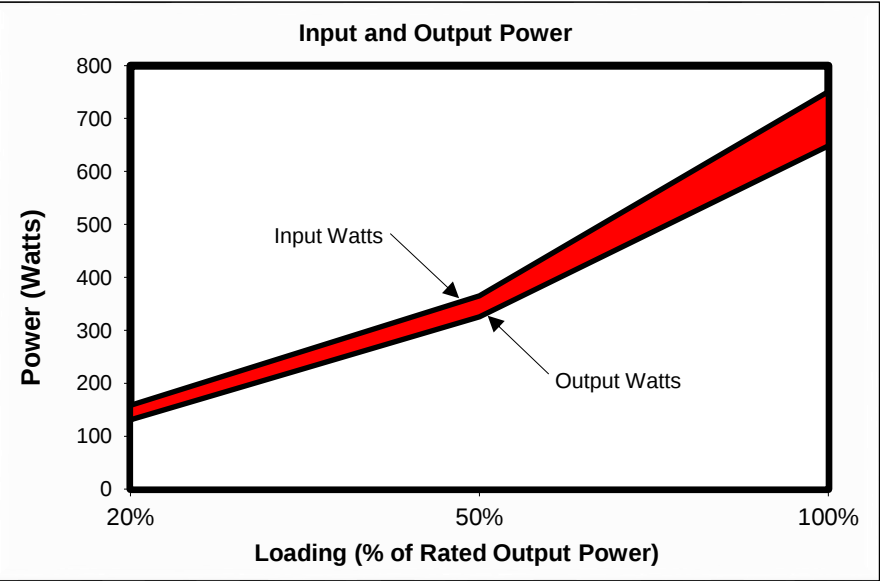
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (ITHD = 12.78%, 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	0.95	14.73%	10%	82.30	12.05/4.46	12.43/0.02	3.36/1.19	4.99/1.19	5.16/0.25	65.21	79.24%
1.42	0.97	16.29%	20%	158.50	12.04/8.97	12.5/0.05	3.35/2.39	4.98/2.38	5.15/0.5	131.07	82.69%
3.24	0.98	12.78%	50%	364.90	11.99/22.41	11.92/0.12	3.33/5.98	4.95/5.92	5.12/1.24	325.75	89.27%
6.57	0.99	6.52%	100%	750.90	11.95/44.81	12.41/0.25	3.3/11.96	4.9/11.83	5.05/2.48	648.46	86.36%



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/>

