

80 PLUS Verification and Testing Report

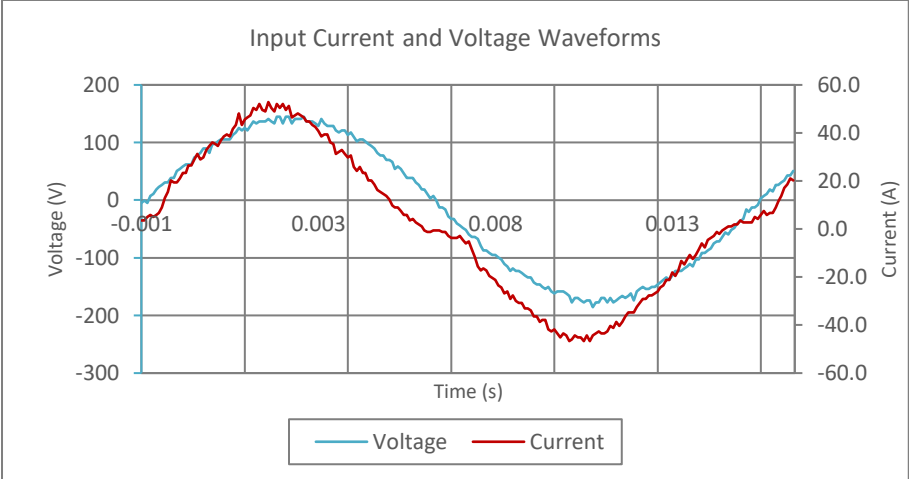
TYPICAL EFFICIENCY (50% Load):	89.25%
AVERAGE EFFICIENCY :	87.32%
80 PLUS COMPLIANT:	YES



ID Number	5507
Manufacturer	Cooler Master Technology Inc.
Model Number	MPE-6001-ACAAB
Serial Number	N/A
Year	2019
Type	EPS12V
Test Date	2/26/19

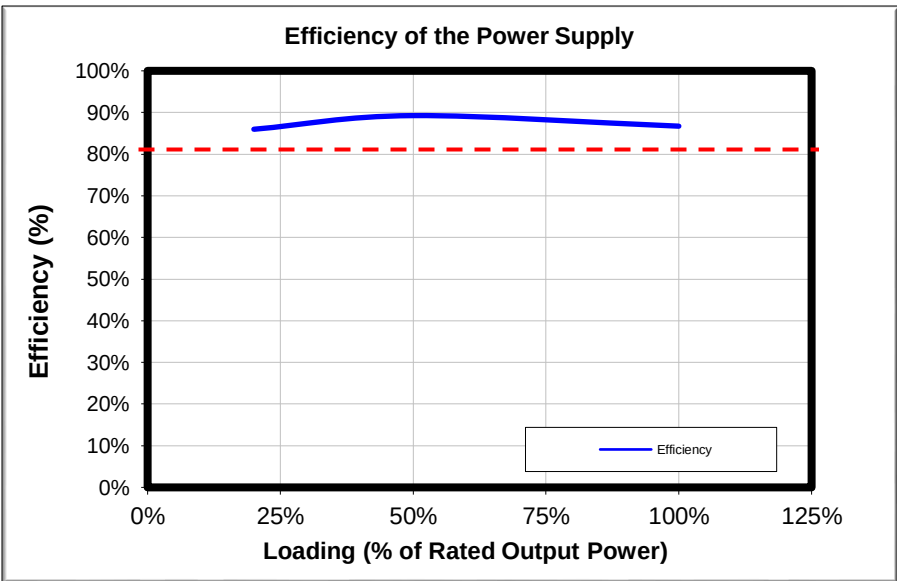
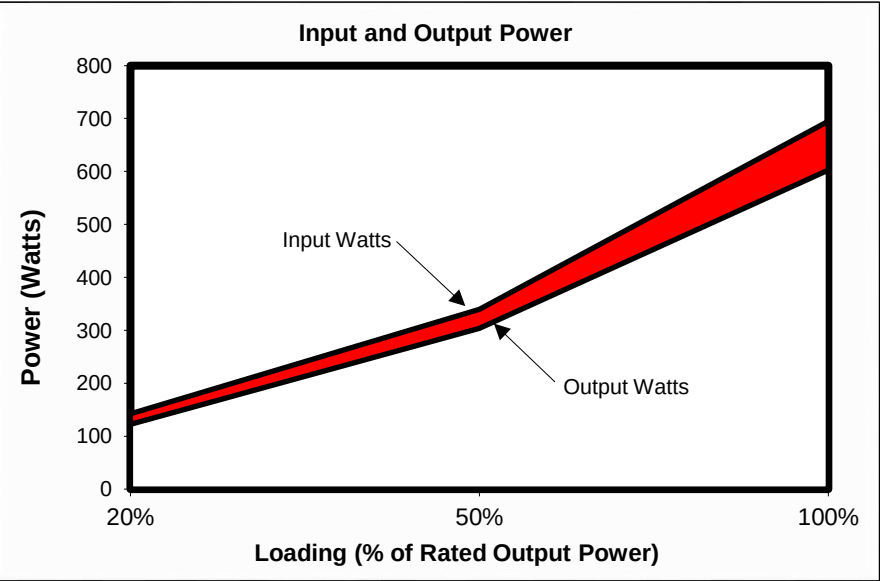
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 14.71%, 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		
0.70	0.96	14.82%	10%	76.56	12.18/4.07	12.41/0.02	3.37/1.17	5.03/1.17	5.18/0.24	60.92	79.57%
1.27	0.97	15.53%	20%	142.13	12.17/8.16	12.3/0.05	3.36/2.35	5.02/2.34	5.17/0.49	122.20	85.98%
3.03	0.98	14.71%	50%	340.00	12.12/20.39	11.9/0.12	3.34/5.88	4.99/5.82	5.13/1.22	303.45	89.25%
6.09	0.99	7.39%	100%	695.00	12.05/40.75	12.53/0.24	3.31/11.75	4.94/11.63	5.07/2.44	602.70	86.72%



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/>

