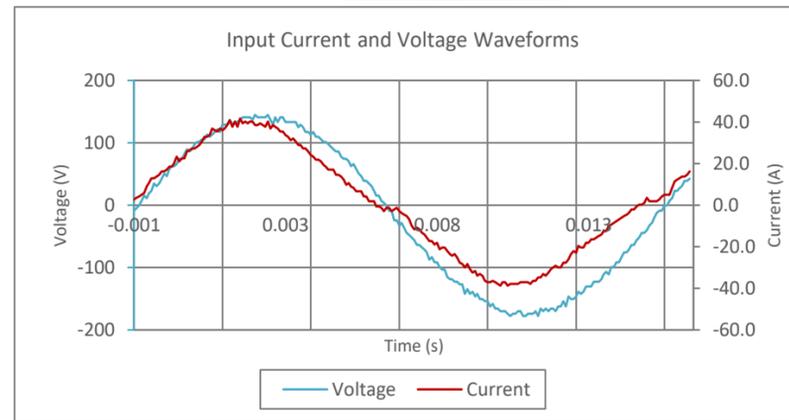


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>87.81%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.10%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5506
<b>Manufacturer</b>	Cooler Master Technology Inc.
<b>Model Number</b>	MPE-5001-ACAAB
<b>Serial Number</b>	N/A
<b>Year</b>	2018
<b>Type</b>	EPS12V
<b>Test Date</b>	2/25/19

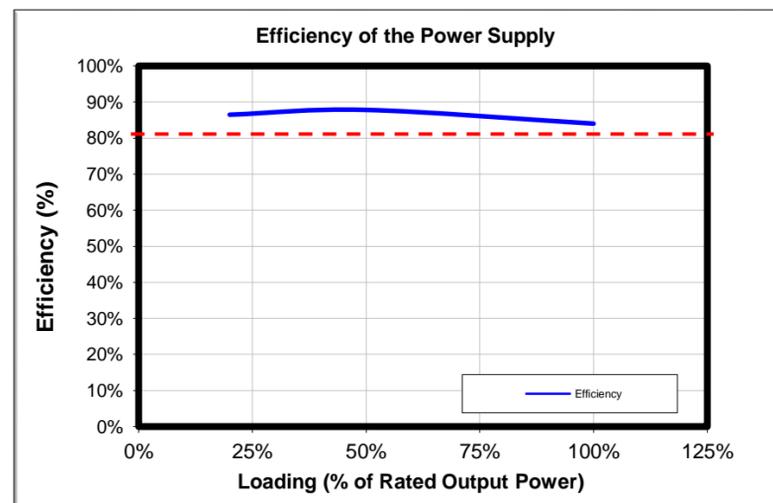
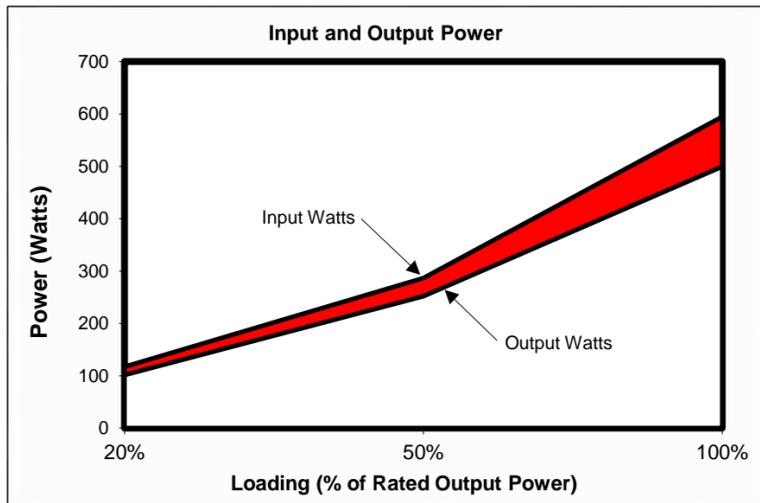


Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>500</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 10.48%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.69	0.95	10.51%	10%	75.30	12.1/3.27	12.56/0.02	3.35/1.13	4.99/1.13	5.18/0.24	50.46	67.02%
1.05	0.97	9.74%	20%	116.80	12.09/6.54	11.9/0.05	3.35/2.27	4.99/2.26	5.17/0.47	101.01	86.48%
2.53	0.98	10.48%	50%	286.40	12.04/16.39	11.73/0.12	3.33/5.67	4.96/5.62	5.13/1.18	251.49	87.81%
5.20	0.99	6.06%	100%	594.50	11.98/32.73	12.01/0.24	3.3/11.34	4.91/11.22	5.07/2.35	499.40	84.00%



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/>

