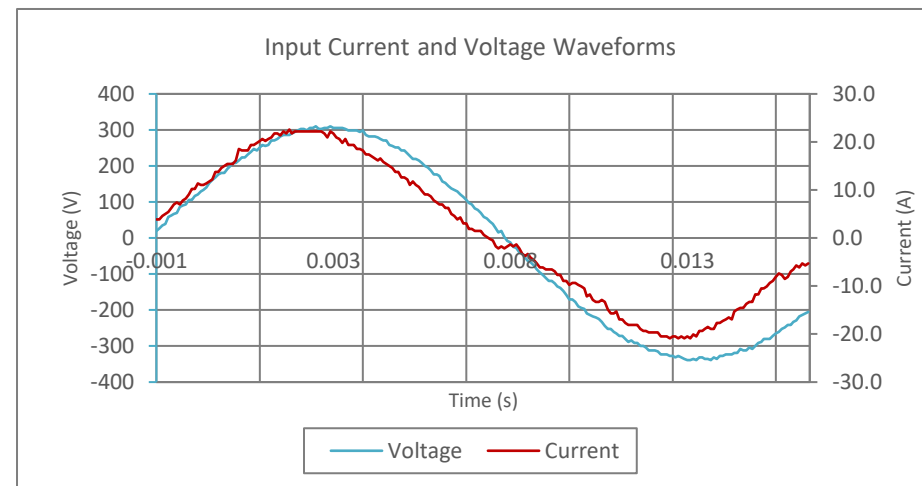


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>88.71%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>86.82%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	EU-494
<b>Manufacturer</b>	Cooler Master Technology Inc.
<b>Model Number</b>	MPE-5501-ACABW
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	EPS12V
<b>Test Date</b>	2/20/19

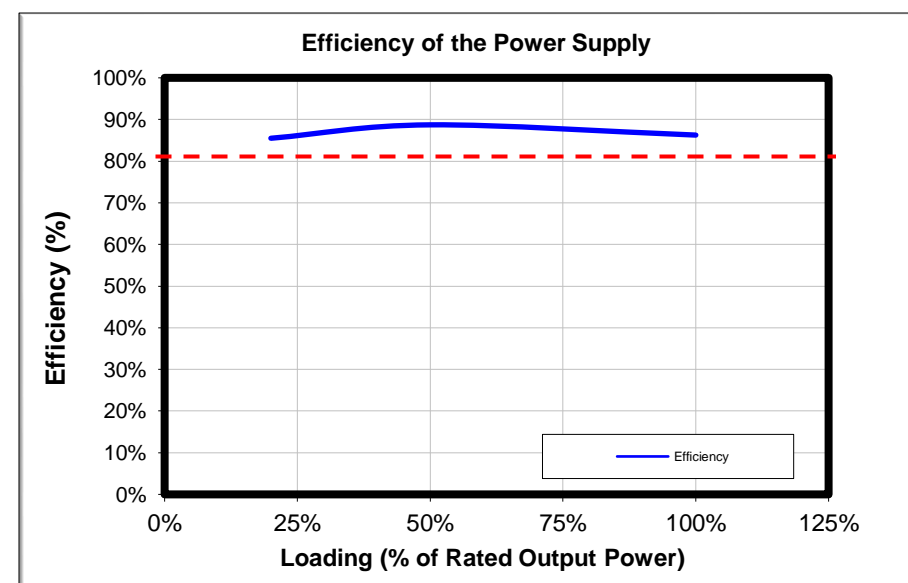
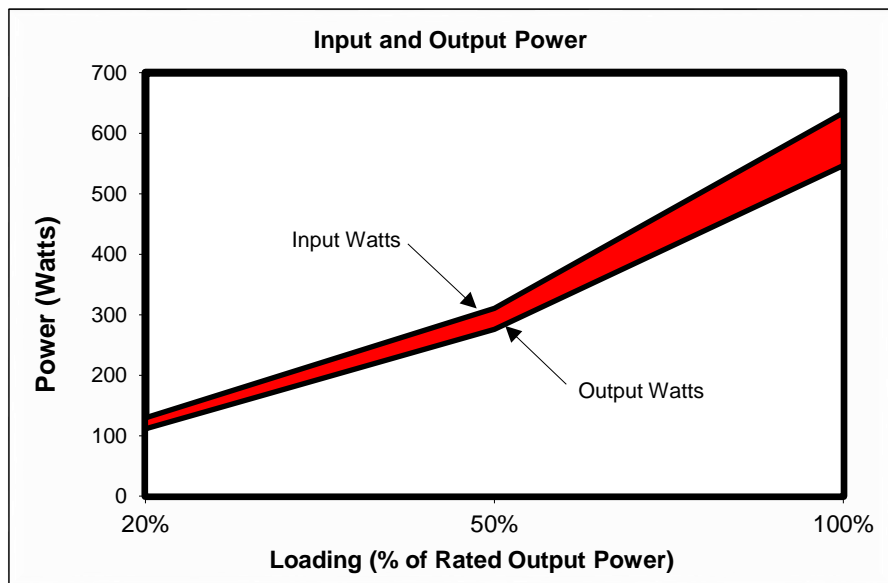


Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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

Input AC Current Waveform (ITHD = 11.95%, 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		
0.39	0.78	13.25%	10%	69.60	12.08/3.71	12.39/0.02	3.35/1.09	4.98/1.09	5.18/0.25	55.43	79.65%
0.65	0.86	11.91%	20%	129.62	12.06/7.43	12.2/0.05	3.34/2.18	4.97/2.17	5.17/0.49	110.81	85.49%
1.44	0.94	11.95%	50%	310.50	11.99/18.59	11.92/0.12	3.32/5.45	4.94/5.4	5.13/1.23	275.46	88.71%
2.85	0.97	10.94%	100%	633.60	11.92/37.14	12.26/0.25	3.28/10.91	4.88/10.8	5.05/2.47	546.53	86.26%



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/>

