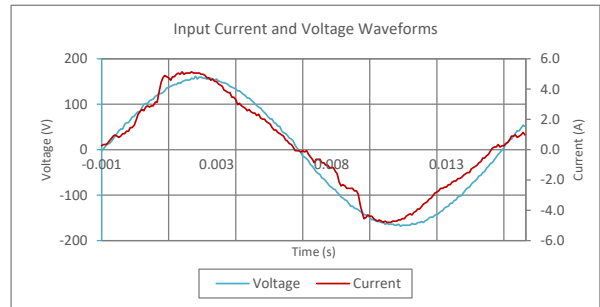


# 80 PLUS Verification and Testing Report

<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.67%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.70%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	6494
<b>Manufacturer</b>	Cooler Master
<b>Model Number</b>	MPG-6501-AFBAP
<b>Serial Number</b>	N/A
<b>Year</b>	2021
<b>Type</b>	ATX12V
<b>Test Date</b>	3/8/21

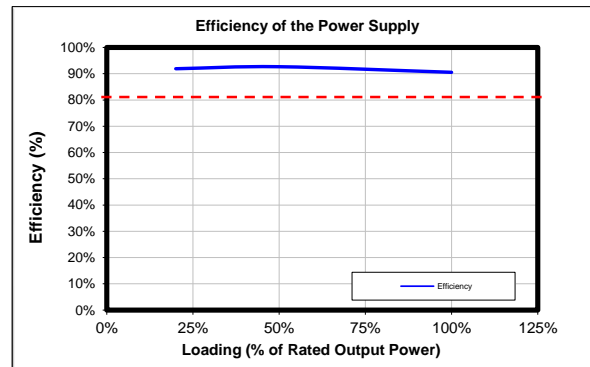
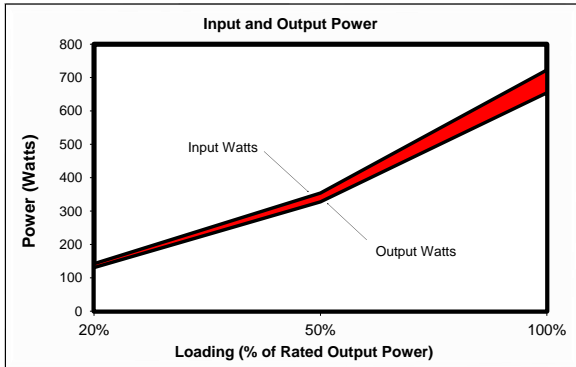


Input AC Current Waveform (ITHD = 15.81%, 50% Load)

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>650</b>	<b>Watts</b>

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

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.)						
0.73	0.89	13.84%	10%	74.16	12.02/4.62	-12V	3.3V	5V	5Vsb	65.70	88.60%
1.32	0.94	13.39%	20%	142.07	12.01/9.17	12.69/0.05	3.36/2.04	5.04/2.03	5.11/0.51	130.55	91.89%
3.17	0.97	15.81%	50%	353.80	12.03/23.03	12.31/0.13	3.36/5.1	5.04/5.06	5.07/1.27	327.85	92.67%
6.40	0.98	13.52%	100%	722.80	12.04/45.97	12.64/0.25	3.35/10.21	5.04/10.1	5.02/2.54	654.42	90.54%



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/>