

80 PLUS Verification and Testing Report

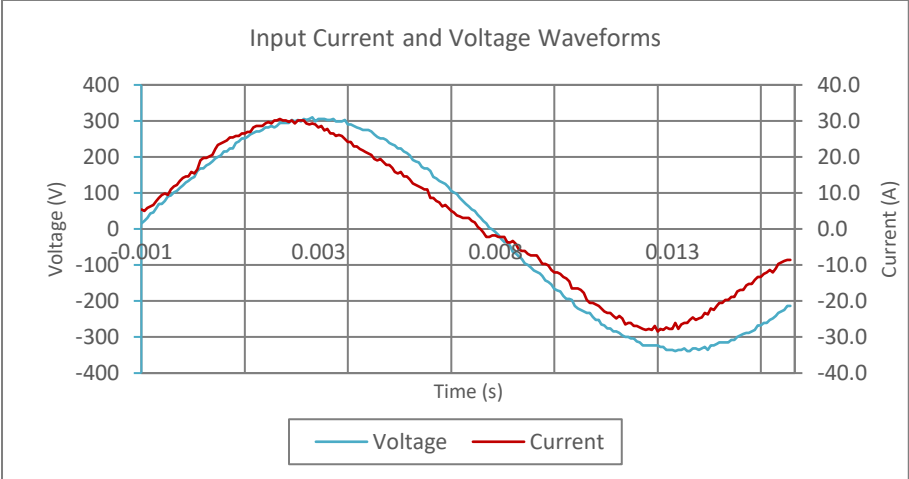
TYPICAL EFFICIENCY (50% Load):	89.93%
AVERAGE EFFICIENCY :	88.54%
80 PLUS COMPLIANT:	YES



ID Number	EU-491
Manufacturer	Cooler Master Technology Inc.
Model Number	MPE-7501-ACABW
Serial Number	N/A
Year	2019
Type	EPS12V
Test Date	2/20/19

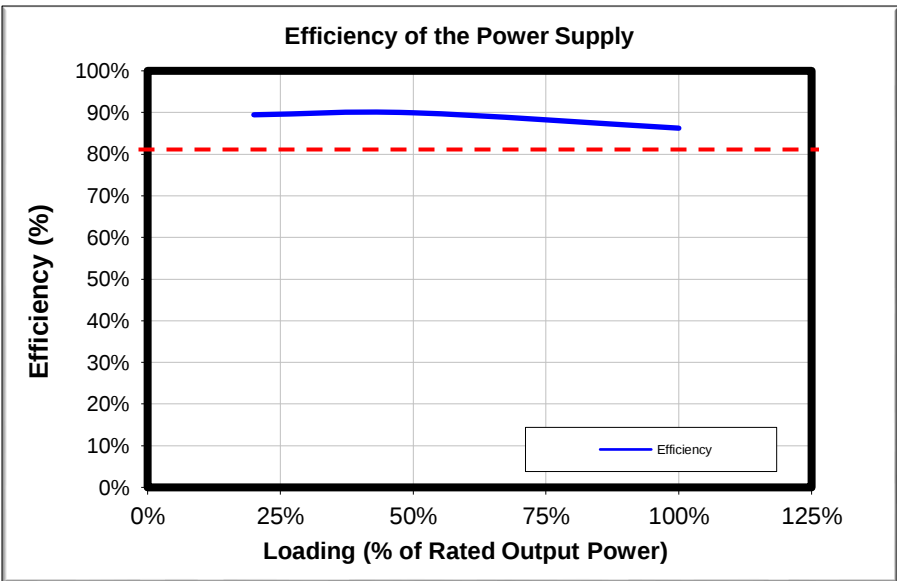
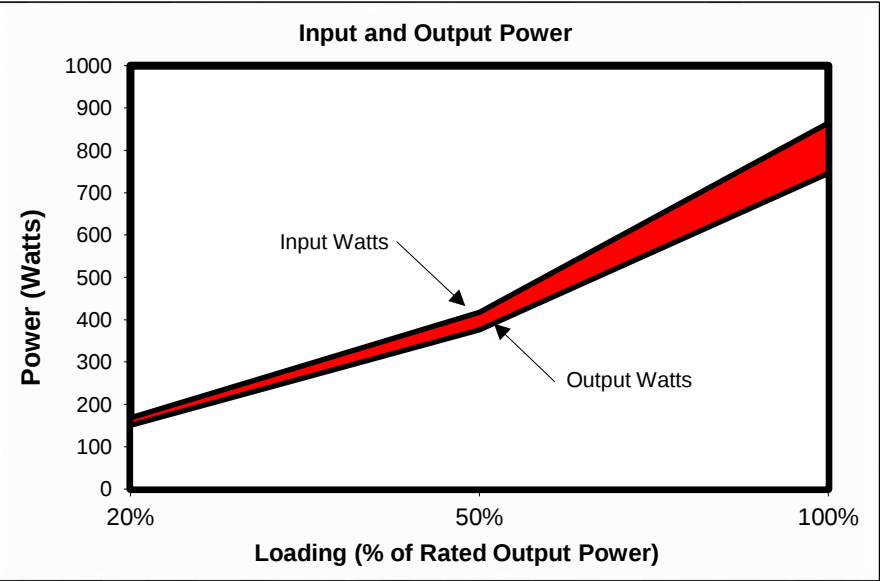
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	6	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 11.63%, 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		
0.52	0.76	11.15%	10%	91.00	12.04/5.28	11.93/0.03	3.36/1.23	5.02/1.23	5.16/0.25	75.47	82.94%
0.87	0.85	10.95%	20%	168.84	12.03/10.58	11.94/0.05	3.35/2.46	5.01/2.45	5.15/0.51	151.02	89.44%
1.94	0.94	11.63%	50%	417.60	11.97/26.47	12.02/0.13	3.33/6.15	4.98/6.09	5.1/1.27	375.56	89.93%
3.89	0.97	12.65%	100%	864.60	11.9/52.88	12.75/0.25	3.29/12.3	4.92/12.17	5.02/2.55	745.61	86.24%



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/>

