

80 PLUS Verification and Testing Report

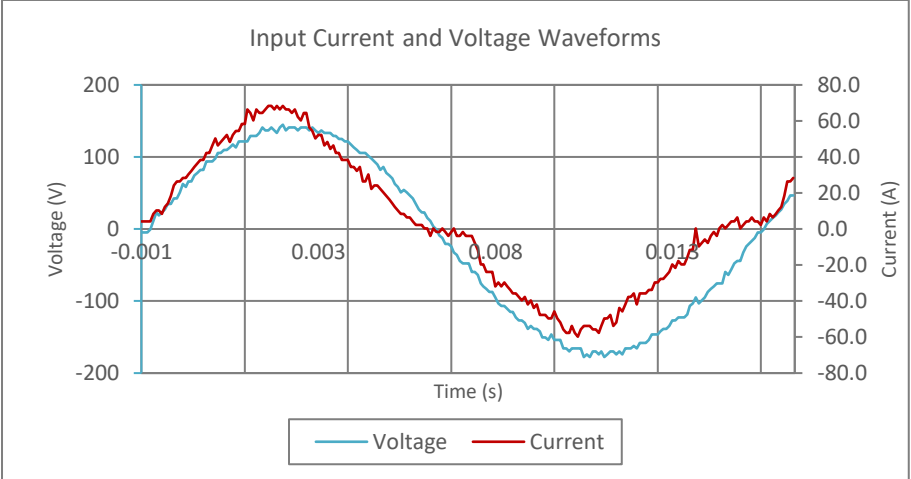
TYPICAL EFFICIENCY (50% Load):	89.46%
AVERAGE EFFICIENCY :	87.83%
80 PLUS COMPLIANT:	YES



ID Number	5510
Manufacturer	Cooler Master Technology Inc.
Model Number	MPE-7501-ACAAB
Serial Number	N/A
Year	2019
Type	EPS12V
Test Date	2/27/19

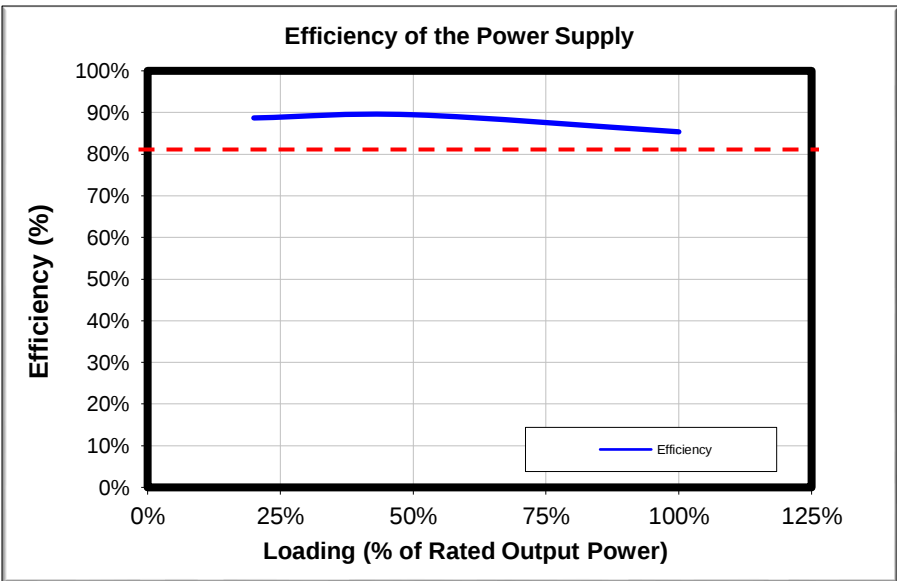
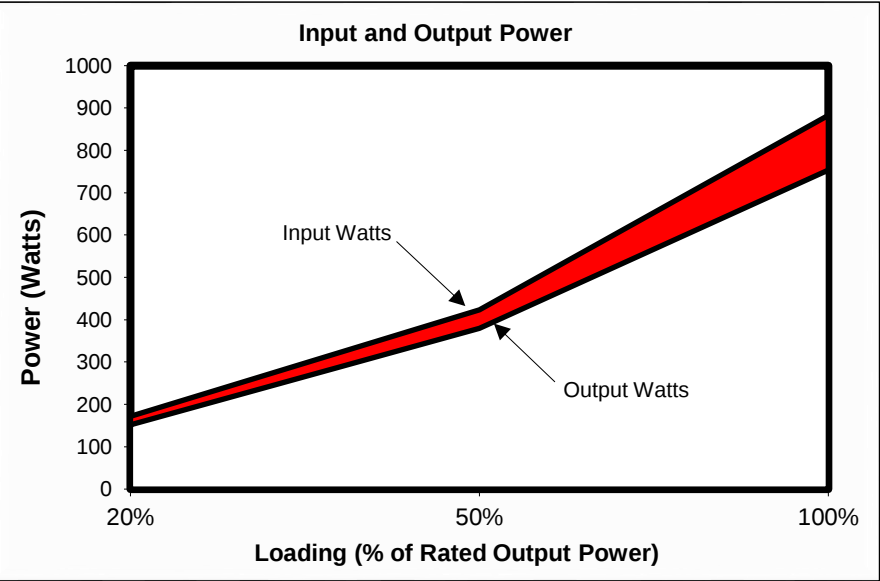
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 17.54%, 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		
0.83	0.97	16.12%	10%	95.50	12.16/5.28	12.22/0.03	3.35/1.22	4.99/1.22	5.16/0.25	75.97	79.55%
1.56	0.95	23.20%	20%	171.70	12.15/10.6	12.02/0.05	3.35/2.44	4.98/2.43	5.15/0.51	152.27	88.69%
3.79	0.97	17.54%	50%	423.80	12.1/26.51	12.17/0.13	3.33/6.12	4.95/6.05	5.11/1.27	379.12	89.46%
7.75	0.99	9.04%	100%	882.70	12.06/52.94	12.82/0.25	3.29/12.21	4.9/12.08	5.05/2.53	753.46	85.36%



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/>

