

80 PLUS Verification and Testing Report

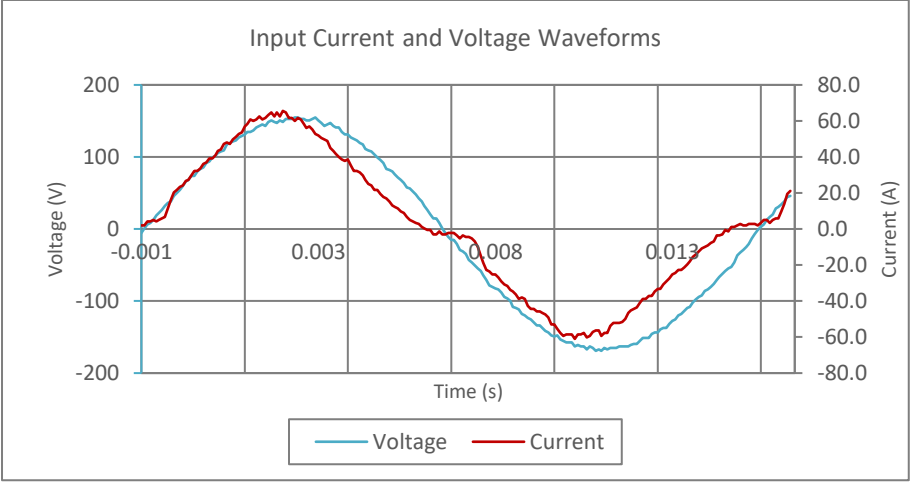
TYPICAL EFFICIENCY (50% Load):	89.26%
AVERAGE EFFICIENCY :	87.67%
80 PLUS COMPLIANT:	YES



ID Number	5511
Manufacturer	Cooler Master Technology Inc.
Model Number	MPE-7501-ACAAW
Serial Number	N/A
Year	2019
Type	EPS12V
Test Date	2/19/19

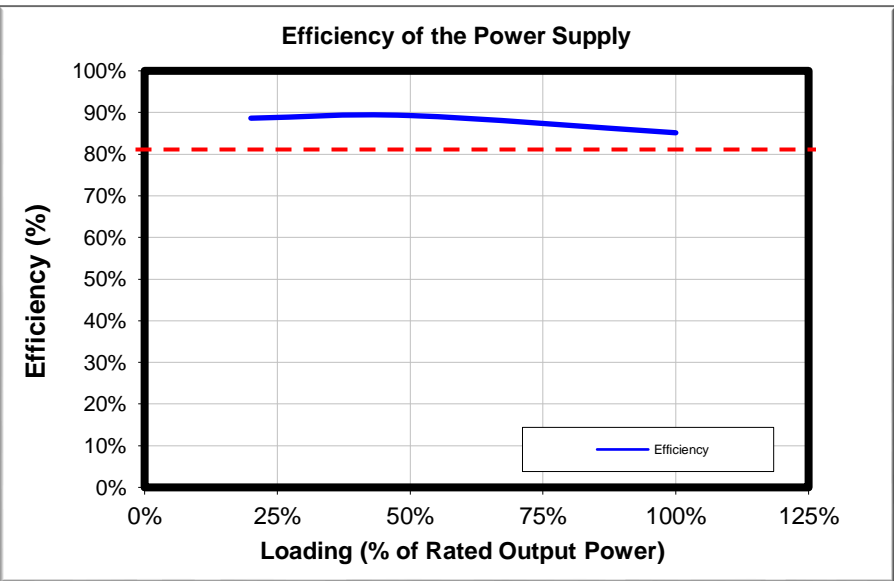
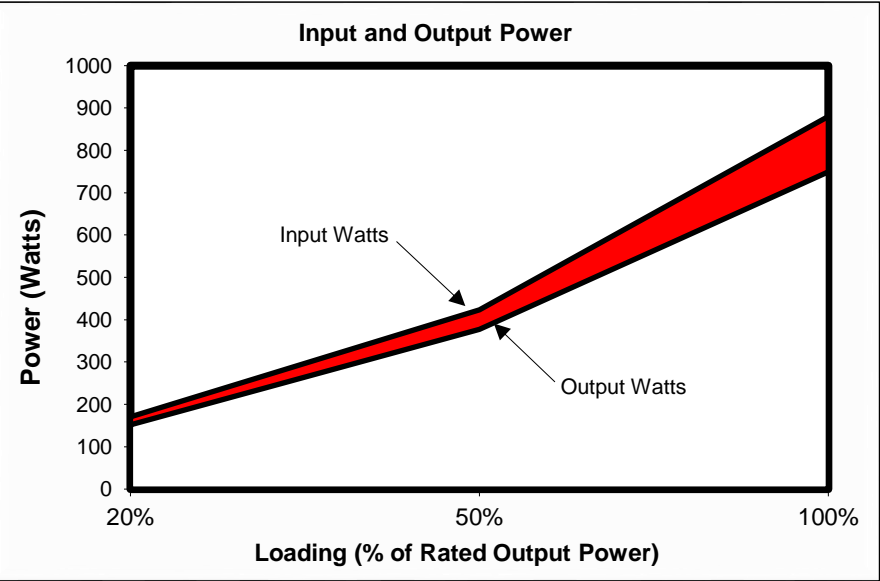
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (ITHD = 17.29%, 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		
0.82	0.97	17.15%	10%	91.55	12.12/5.28	12.08/0.03	3.35/1.23	4.99/1.23	5.16/0.25	75.81	82.80%
1.56	0.96	22.25%	20%	170.97	12.09/10.58	11.92/0.05	3.34/2.46	4.98/2.45	5.15/0.51	151.53	88.63%
3.78	0.97	17.29%	50%	422.80	12.05/26.47	12.06/0.13	3.32/6.15	4.94/6.09	5.1/1.27	377.40	89.26%
7.72	0.99	8.55%	100%	880.10	11.98/52.88	12.73/0.25	3.28/12.3	4.88/12.17	5.03/2.55	749.22	85.13%



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/>

