

80 PLUS Verification and Testing Report

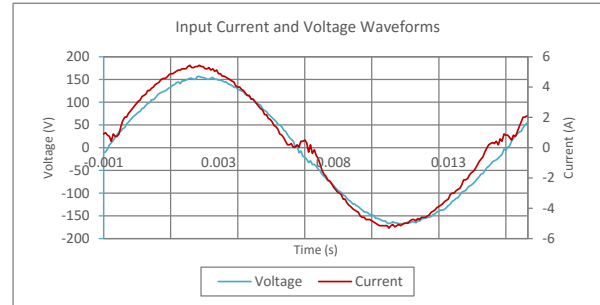
TYPICAL EFFICIENCY (50% Load):	91.45%
AVERAGE EFFICIENCY :	90.26%
80 PLUS COMPLIANT:	YES



ID Number	5039
Manufacturer	Cooler Master Technology Inc.
Model Number	MPY-7501-AFAAG
Serial Number	MPY7501AFAAG1173300071
Year	2017
Type	ATX12V
Test Date	9/1/17

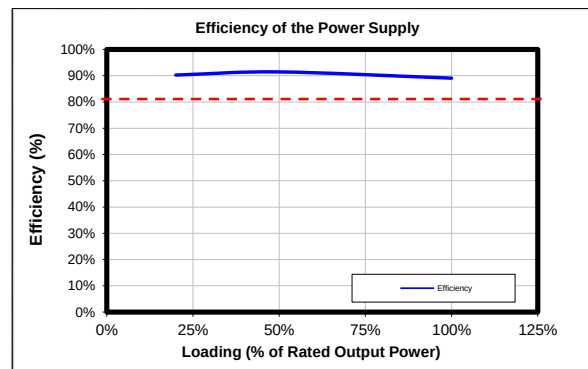
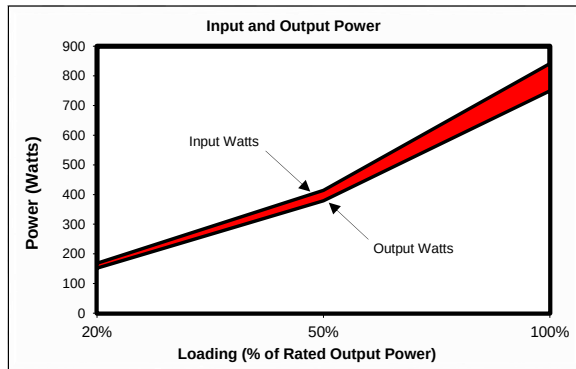
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50/60	Hz
Rated Output Power	750	Watts

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



Input AC Current Waveform (I_{THD} = 7.493%, 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		
0.79	0.97	9.97%	10%	88.47	12.12/5.43	11.65/0.03	3.37/1.04	5.06/1.04	5.11/0.22	76.00	85.91%
1.49	0.98	14.36%	20%	168.20	12.11/10.86	11.69/0.05	3.36/2.09	5.06/2.08	5.09/0.43	151.81	90.26%
3.62	0.99	7.49%	50%	414.48	12.08/27.22	11.75/0.13	3.32/5.22	5.03/5.18	5.05/1.08	379.04	91.45%
7.33	1.00	4.17%	100%	841.39	12.01/54.11	11.97/0.26	3.27/10.44	4.98/10.33	4.98/2.16	749.49	89.08%



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/>

