

# 80 PLUS Verification and Testing Report

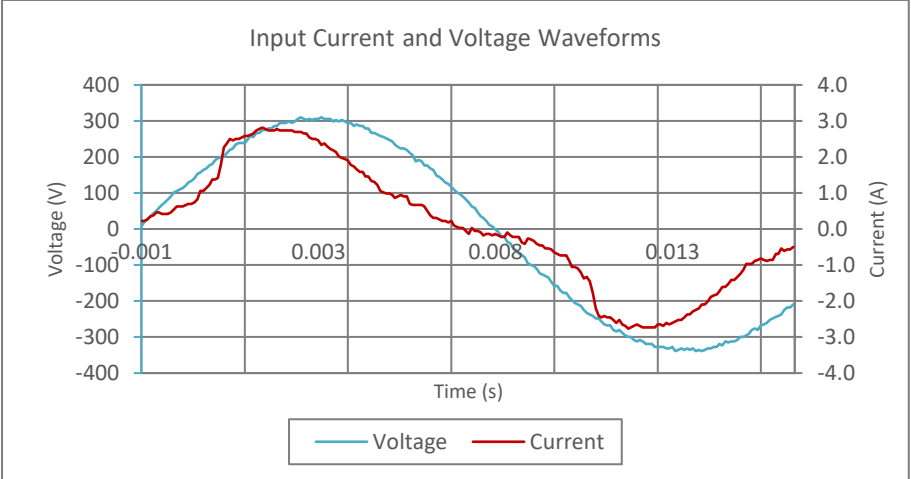
TYPICAL EFFICIENCY (50% Load):	87.51%
AVERAGE EFFICIENCY :	86.17%
80 PLUS COMPLIANT:	YES



ID Number	EU-636
Manufacturer	CoolerMaster
Model Number	MPE-6001-ACABN
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	12/23/19

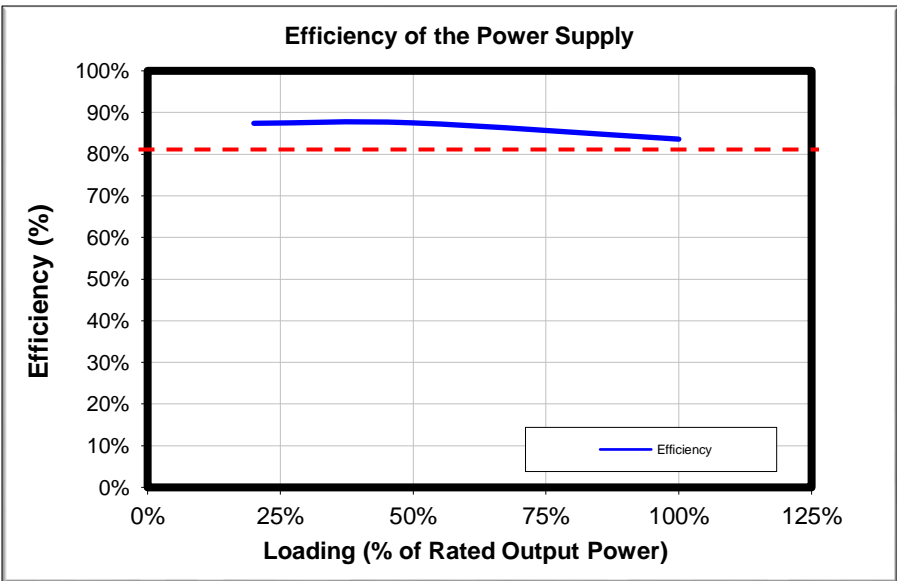
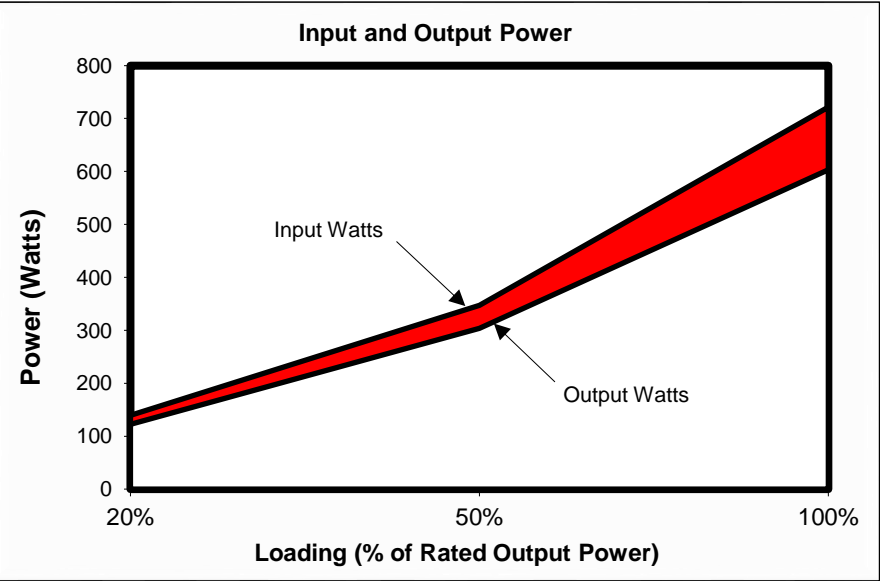
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	5	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



Input AC Current Waveform (ITHD = 28.18%, 50% Load)

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.)	-12V	3.3V	5V	5Vsb		
0.37	0.85	40.35%	10%	72.98	12.18/4.01	11.89/0.03	3.33/1.26	5.04/1.26	5.09/0.26	61.03	83.63%
0.68	0.89	37.12%	20%	139.53	12.18/8.03	11.96/0.05	3.32/2.51	5.02/2.49	5.08/0.52	121.95	87.40%
1.61	0.94	28.18%	50%	347.00	12.16/20.06	12.15/0.13	3.3/6.28	4.97/6.23	5.03/1.3	303.65	87.51%
3.25	0.97	19.27%	100%	721.70	12.12/40.09	12.52/0.26	3.25/12.57	4.89/12.44	4.94/2.61	603.34	83.60%



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/>

