

# 80 PLUS Verification and Testing Report

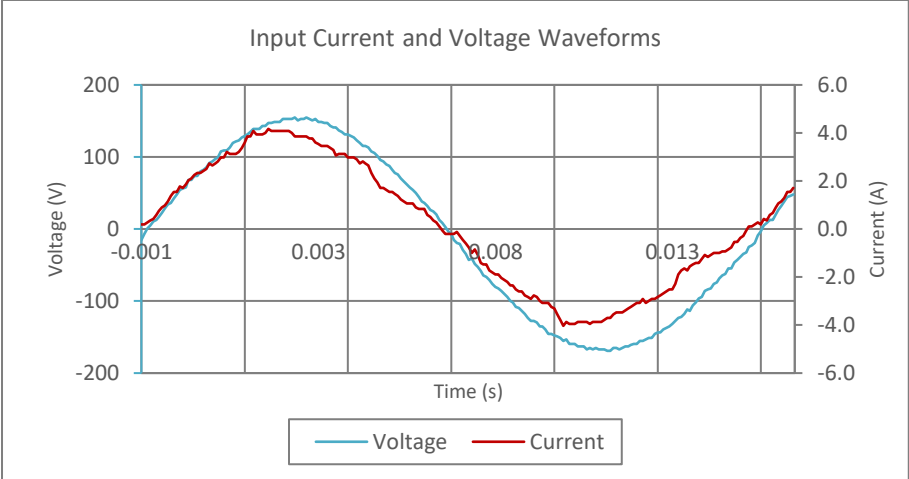
TYPICAL EFFICIENCY (50% Load):	90.96%
AVERAGE EFFICIENCY :	89.78%
80 PLUS COMPLIANT:	YES



ID Number	5778
Manufacturer	Cooler Master Technology Inc.
Model Number	MPY-550V-AGBAG
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	11/13/19

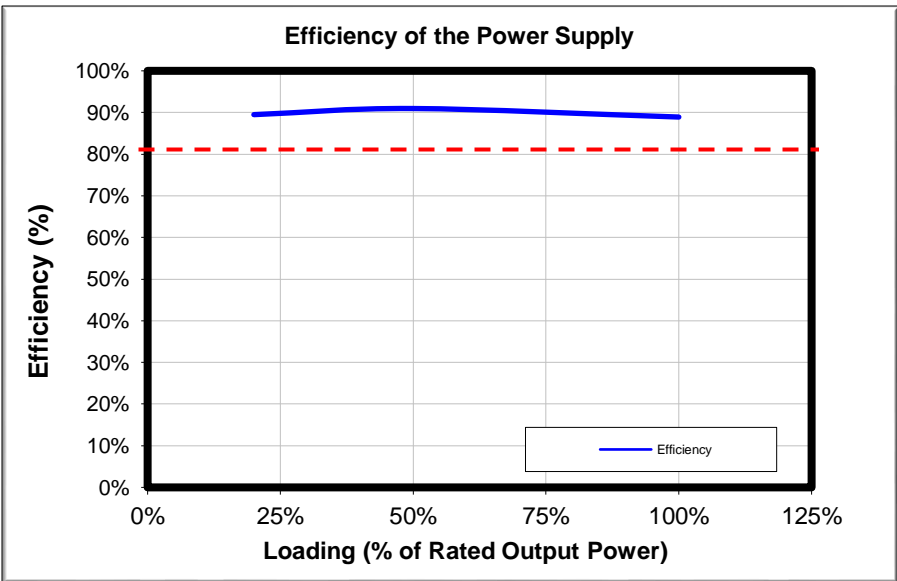
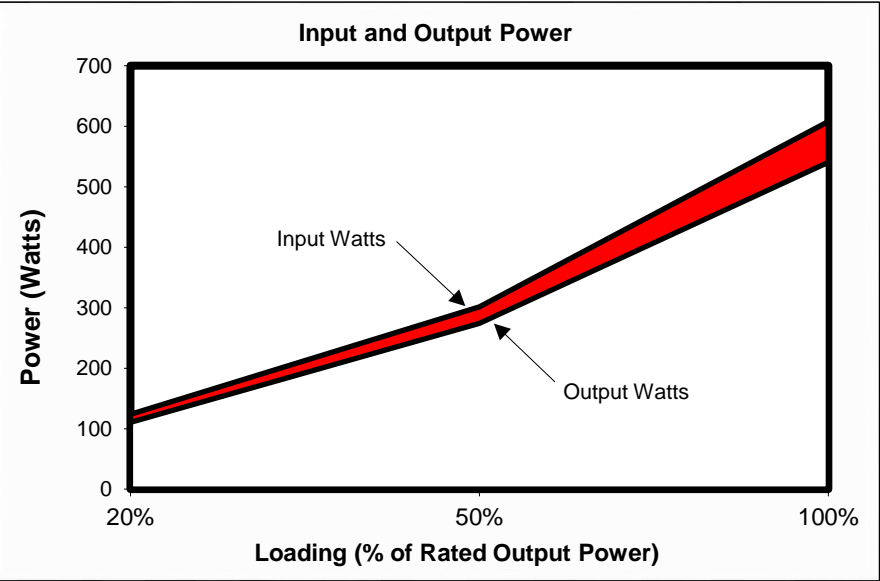
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (ITHD = 7.84%, 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		
0.72	0.79	11.81%	10%	65.47	12.07/3.67	12.26/0.02	3.35/1.16	4.99/1.16	4.99/0.24	55.38	84.59%
1.19	0.91	9.52%	20%	123.42	12.02/7.34	12.26/0.05	3.34/2.31	4.97/2.3	4.98/0.48	110.44	89.48%
2.71	0.97	7.84%	50%	301.40	11.94/18.39	12.28/0.12	3.31/5.78	4.93/5.73	4.94/1.2	274.14	90.96%
5.37	0.98	7.22%	100%	607.70	11.79/36.76	12.32/0.24	3.26/11.57	4.86/11.44	4.87/2.4	540.29	88.91%



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/>

