

80 PLUS Verification and Testing Report

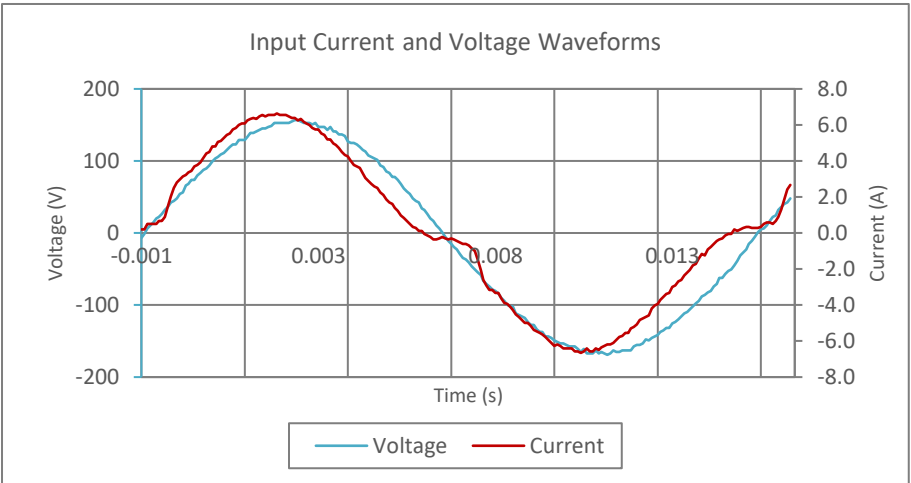
TYPICAL EFFICIENCY (50% Load):	90.09%
AVERAGE EFFICIENCY :	89.06%
80 PLUS COMPLIANT:	YES



ID Number	5658
Manufacturer	Cooler Master Technology Inc.
Model Number	MPY-850V-AGBAG
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	9/13/19

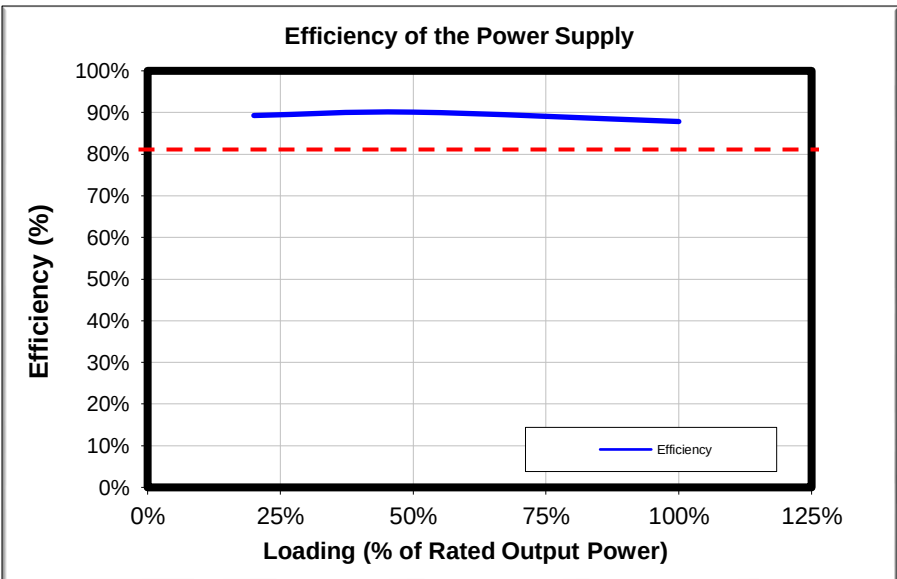
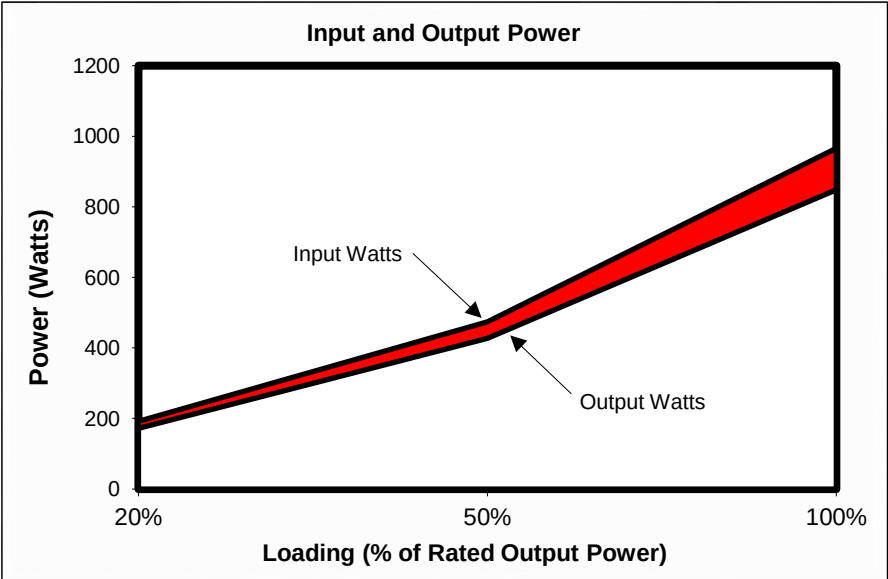
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	850	Watts

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



Input AC Current Waveform (ITHD = 14.73%, 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		
0.93	0.95	17.73%	10%	101.80	12.11/6.11	12.28/0.03	3.37/1.24	5.02/1.24	5.18/0.26	86.07	84.55%
1.74	0.96	20.40%	20%	192.50	12.1/12.21	12.29/0.05	3.36/2.49	5.01/2.48	5.17/0.52	171.85	89.27%
4.23	0.97	14.73%	50%	474.20	12.03/30.58	12.31/0.13	3.32/6.22	4.96/6.17	5.15/1.29	427.19	90.09%
8.49	0.99	9.01%	100%	965.90	11.97/61.11	12.37/0.26	3.26/12.46	4.87/12.32	5.12/2.58	848.37	87.83%



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/>

