

# 80 PLUS Verification and Testing Report

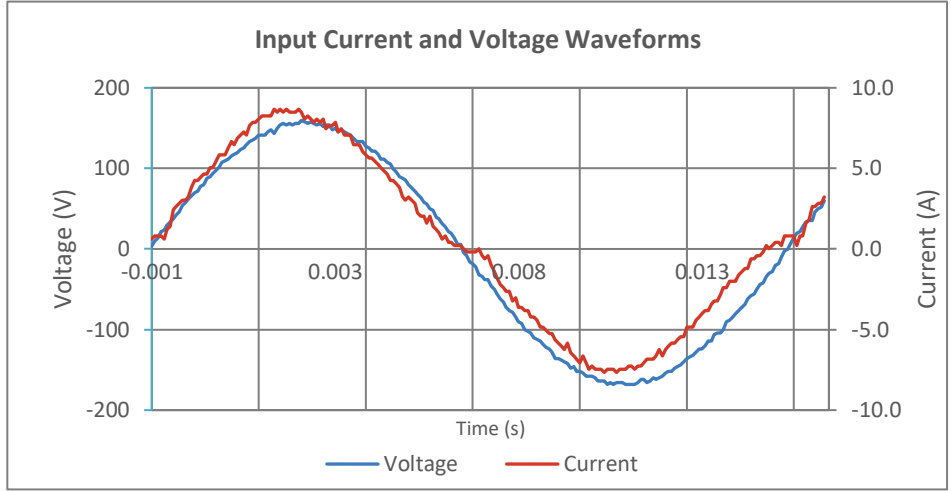
TYPICAL EFFICIENCY (50% Load):	92.72%
AVERAGE EFFICIENCY :	89.85%
80 PLUS COMPLIANT:	Platinum



ID Number	6845
Manufacturer	Cooler Master
Model Number	MPZ-B001-SFAP
Serial Number	N/A
Year	2022
Type	ATX12V
Test Date	7/7/22

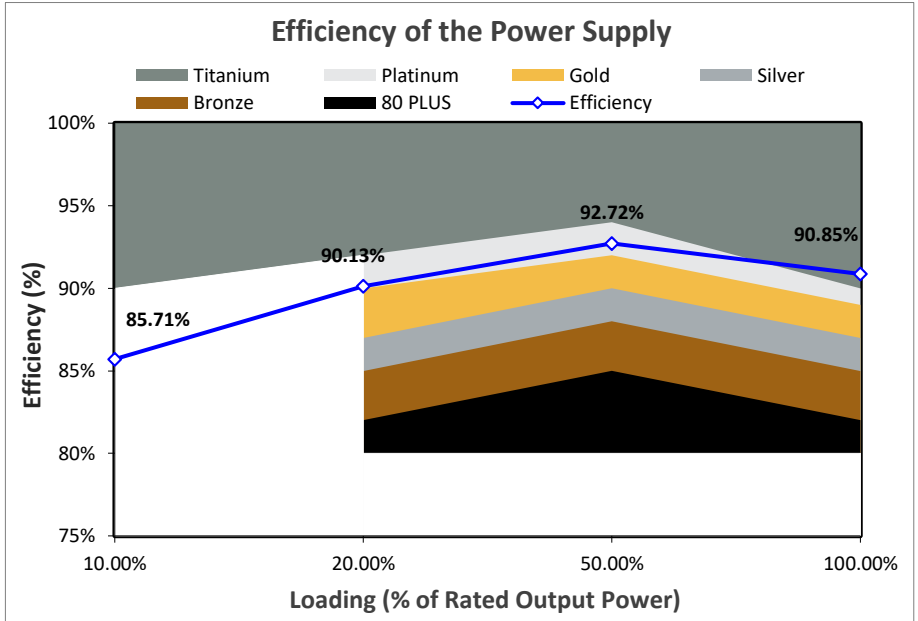
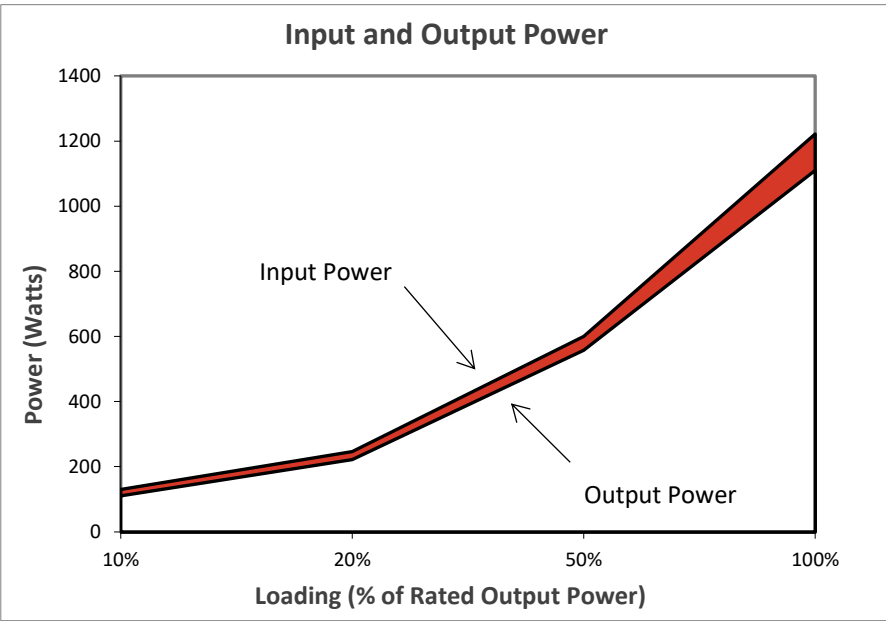
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	6.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1100	Watts

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



Input AC Current Waveform (ITHD = 10.09%, 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		
1.226	0.9229	4.10%	10%	130.10	12.14/8.16	12.08/0.03	3.35/1.28	5.04/1.28	5.07/0.27	111.51	85.71%
2.210	0.9728	5.81%	20%	247.30	12.13/16.33	12.09/0.05	3.34/2.57	5.03/2.56	5.08/0.53	222.89	90.13%
5.312	0.9834	10.09%	50%	601.00	12.13/40.87	12.1/0.13	3.32/6.43	5.02/6.36	5.03/1.33	557.23	92.72%
10.727	0.9906	7.85%	100%	1221.60	12.12/81.51	12.12/0.27	3.29/12.86	4.99/12.72	5.02/2.67	1109.88	90.85%



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/>