

80 PLUS Verification and Testing Report

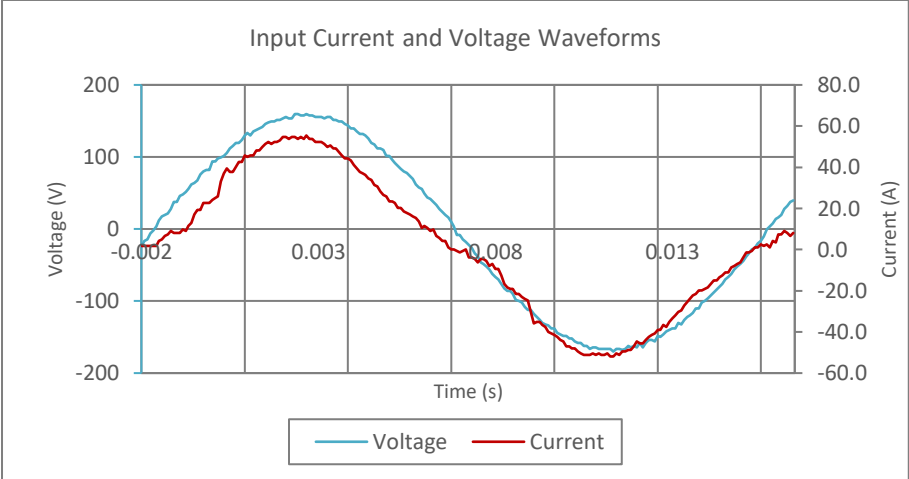
TYPICAL EFFICIENCY (50% Load):	91.11%
AVERAGE EFFICIENCY :	89.91%
80 PLUS COMPLIANT:	YES



ID Number	6128
Manufacturer	Cooler Master Technology Inc
Model Number	MPW-7001-ACAAG
Serial Number	N/A
Year	2020
Type	ATX12V
Test Date	9/16/20

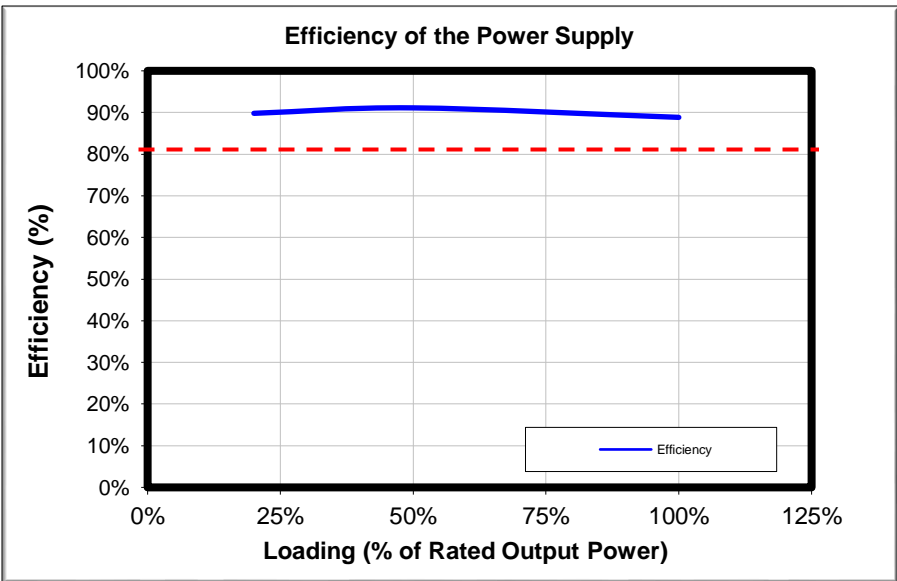
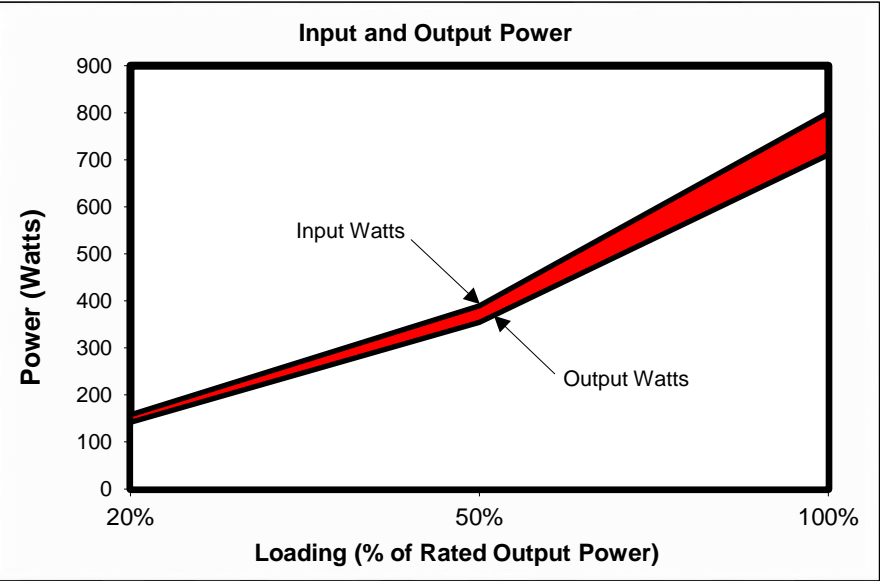
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	700	Watts

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



Input AC Current Waveform (ITHD = 13.22%, 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		
0.77	0.94	18.01%	10%	83.32	12.14/4.98	11.61/0.03	3.35/1.03	5.07/1.03	5.1/0.26	70.84	85.03%
1.43	0.96	14.14%	20%	158.15	12.14/10.01	11.64/0.05	3.34/2.06	5.06/2.05	5.08/0.51	142.01	89.79%
3.44	0.98	13.22%	50%	389.10	12.13/25.04	11.79/0.13	3.31/5.16	5.02/5.11	5.03/1.28	354.51	91.11%
7.03	0.99	11.63%	100%	799.80	12.17/50.05	12.17/0.26	3.33/10.31	4.99/10.21	4.96/2.57	710.46	88.83%



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/>

