

# 80 PLUS Verification and Testing Report

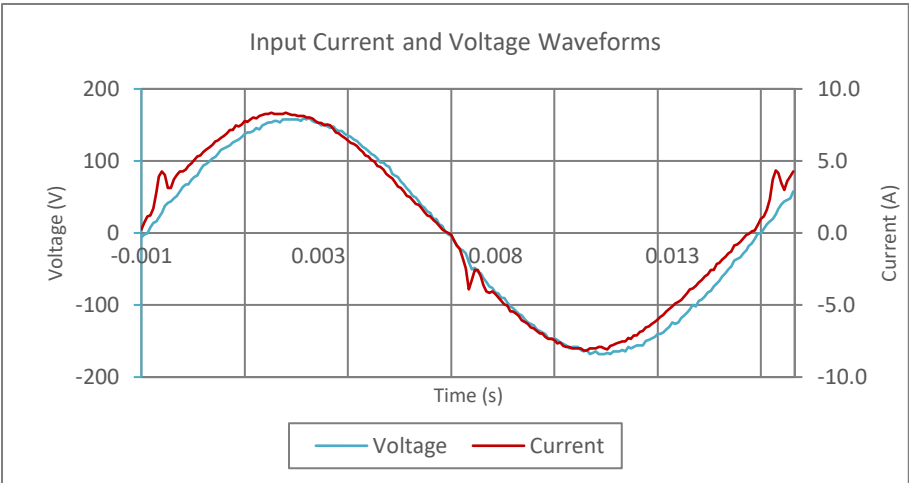
TYPICAL EFFICIENCY (50% Load):	92.27%
AVERAGE EFFICIENCY :	91.30%
80 PLUS COMPLIANT:	YES



ID Number	6619
Manufacturer	Gigabyte
Model Number	GP-AP1200PM
Serial Number	N/A
Year	2021
Type	ATX12V
Test Date	7/8/21

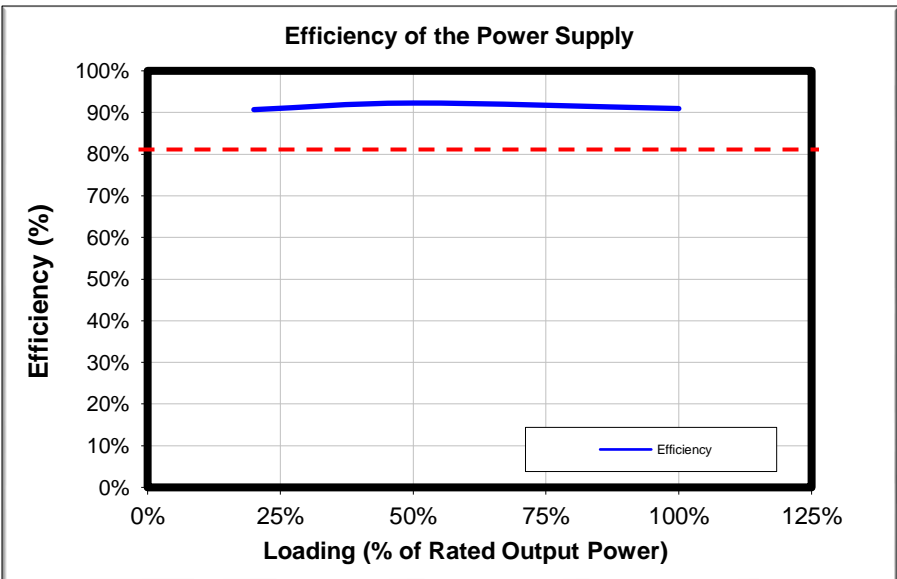
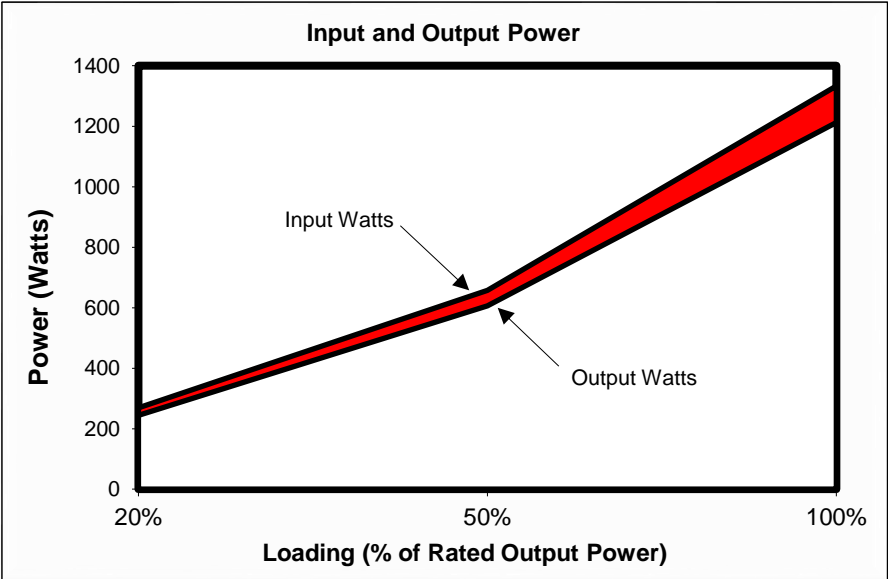
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	1200	Watts

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



Input AC Current Waveform (ITHD = 4.87%, 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		
1.40	0.86	25.20%	10%	138.84	12.11/8.91	11.96/0.07	3.32/1.34	5.03/1.34	5.06/0.31	121.59	87.58%
2.53	0.92	13.18%	20%	268.20	12.11/17.85	11.97/0.14	3.32/2.67	5.03/2.65	5.05/0.62	243.22	90.69%
5.75	0.99	4.87%	50%	657.10	12.09/44.55	11.96/0.36	3.32/6.68	5.03/6.62	5.04/1.55	606.28	92.27%
11.65	1.00	5.44%	100%	1332.80	12.1/88.98	11.96/0.71	3.33/13.39	5.03/13.24	5.02/3.11	1212.07	90.94%



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/>