

80 PLUS Verification and Testing Report

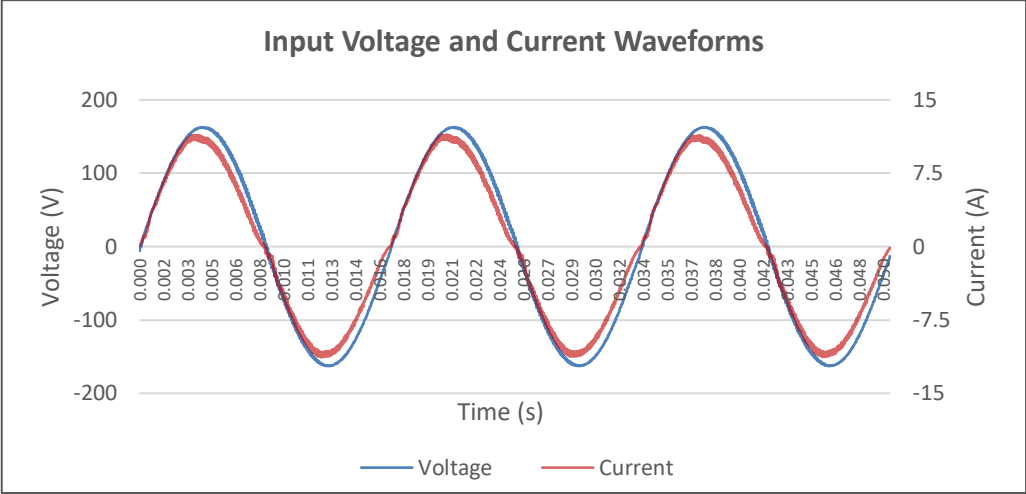
TYPICAL EFFICIENCY (50% Load):	92.93%
AVERAGE EFFICIENCY :	89.41%
80 PLUS COMPLIANT:	Platinum



ID Number	7433
Manufacturer	Gigabyte
Model Number	GP-UD1600PM PG5
Serial Number	N/A
Type	ATX12V
Test Date	6/5/24

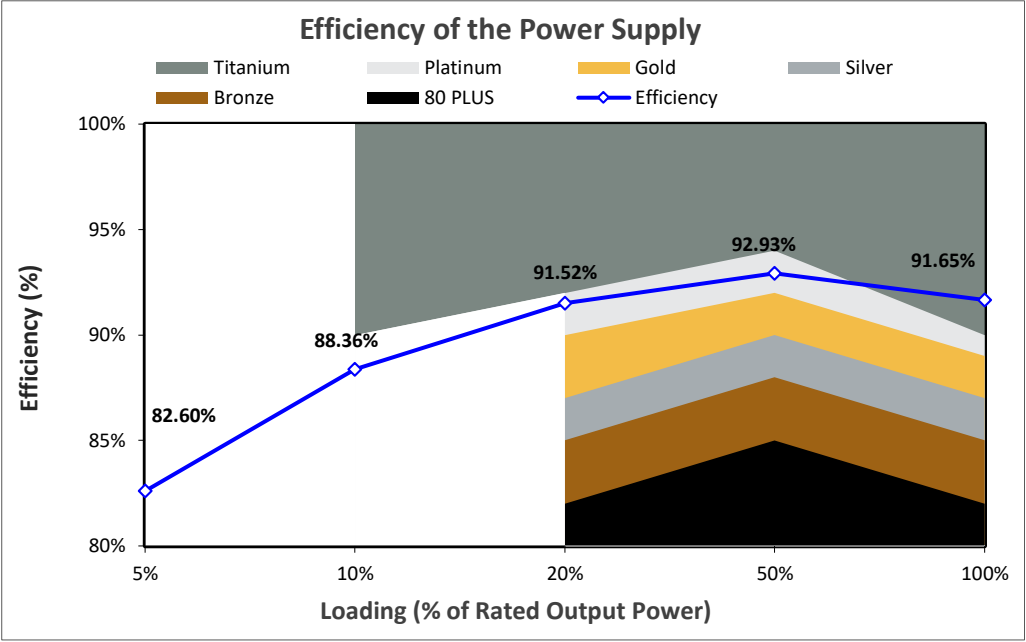
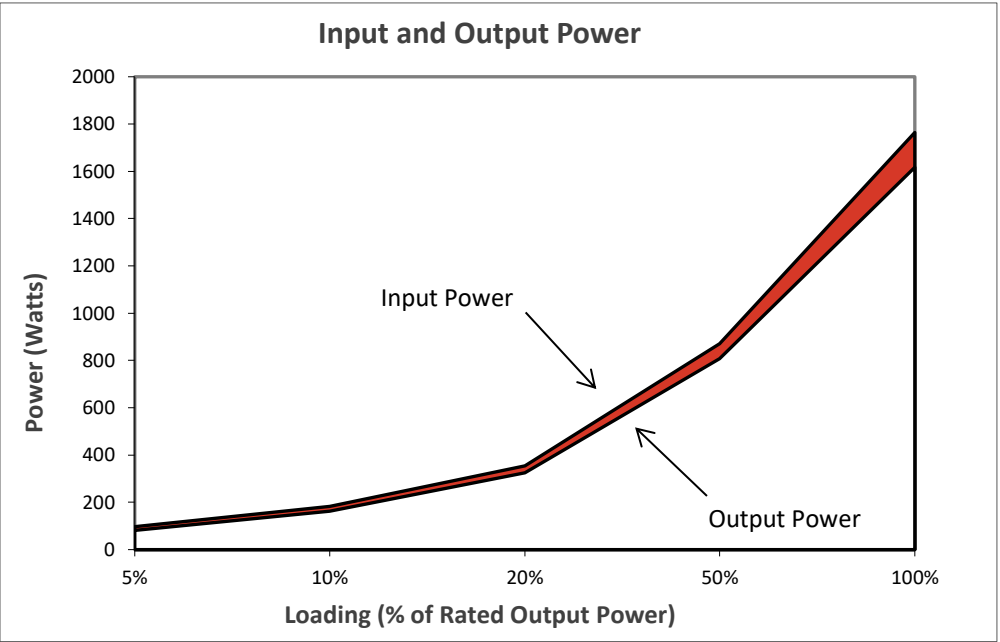
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	Amps
Input Frequency	60-50	Hz
Rated Output Power	1600	Watts

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



Input AC Current Waveform (ITHD = 5.2%, 50% Load)

I _{RMS} (A)	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	5Vstb		
0.240	0.1457	6.26	0%	4.02	No-Load						
0.916	0.9307	9.45	5%	98.07	12.15/6.01	12.01/0.036	3.33/0.81	5.04/0.81	5.06/0.158	81.01	82.60%
1.640	0.9717	7.95	10%	183.26	12.15/12.01	12.05/0.072	3.33/1.63	5.04/1.63	5.06/0.315	161.94	88.36%
3.137	0.9819	7.00	20%	354.15	12.16/24.01	12.11/0.144	3.33/3.26	5.03/3.25	5.05/0.63	324.12	91.52%
7.606	0.9951	5.20	50%	870.25	12.14/60.03	12.3/0.36	3.32/8.14	5.02/8.14	5.03/1.576	808.69	92.93%
15.407	0.9955	4.66	100%	1764.34	12.14/120.04	12.66/0.72	3.3/16.27	4.99/16.28	5.01/3.151	1617.09	91.65%



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/>