

80 PLUS Verification and Testing Report

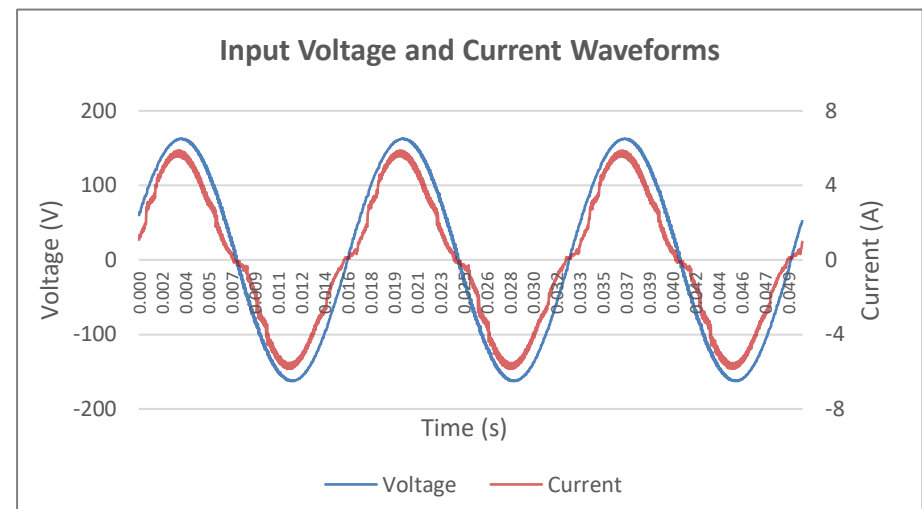
TYPICAL EFFICIENCY (50% Load):	91.42%
AVERAGE EFFICIENCY :	87.47%
80 PLUS COMPLIANT:	Gold



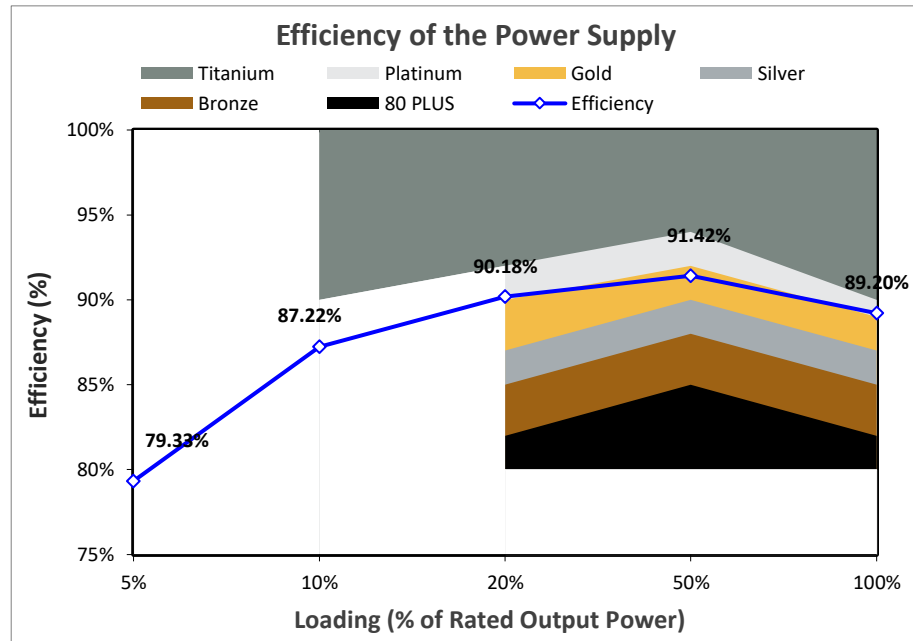
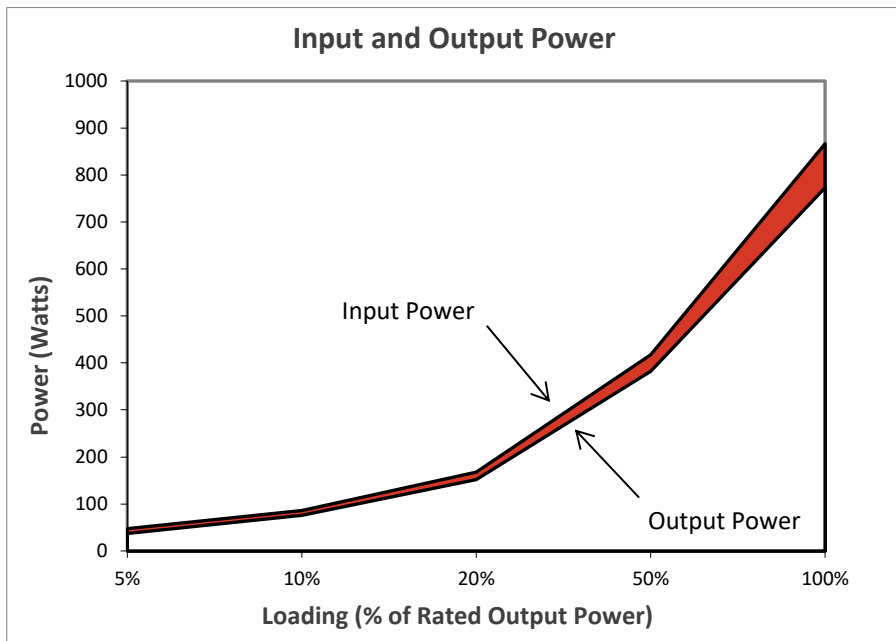
ID Number	7096
Manufacturer	Gigabyte
Model Number	GP-UD750GM PG5
Serial Number	N/A
Year	2023
Type	ATX12V
Test Date	7/11/23

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	60-50	Hz
Rated Output Power	750	Watts

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



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	5Vsb		
0.127	0.7187	40.66	0%	10.49	No-Load						
0.443	0.9323	30.43	5%	47.53	12.02/2.7	11.93/0.01	3.34/0.54	5.05/0.54	5.06/0.13	37.70	79.33%
0.781	0.9624	23.92	10%	86.48	12.04/5.36	11.93/0.03	3.35/1.09	5.07/1.09	5.07/0.26	75.43	87.22%
1.495	0.9785	18.95	20%	168.17	12.07/10.77	11.91/0.06	3.38/2.17	5.09/2.17	5.09/0.52	151.66	90.18%
3.673	0.9885	14.21	50%	417.55	12.14/26.92	11.95/0.13	3.45/5.42	5.16/5.42	5.16/1.29	381.72	91.42%
7.581	0.9932	10.37	100%	866.46	12.29/53.83	11.96/0.25	3.47/10.83	5.29/10.85	5.27/2.58	772.90	89.20%



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/>