

80 PLUS Verification and Testing Report

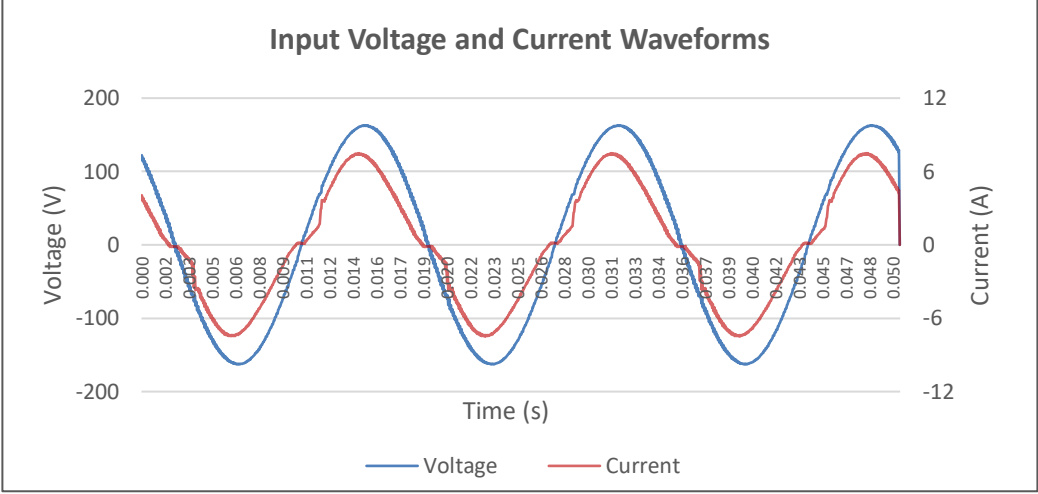
TYPICAL EFFICIENCY (50% Load):	92.04%
AVERAGE EFFICIENCY :	87.32%
80 PLUS COMPLIANT:	Platinum



ID Number	7611
Manufacturer	ASRock
Model Number	PG-1000G
Serial Number	9PA10A7200 S4351030047
Type	ATX12V, ATX 3.0, ATX 3.1
Test Date	10/14/24

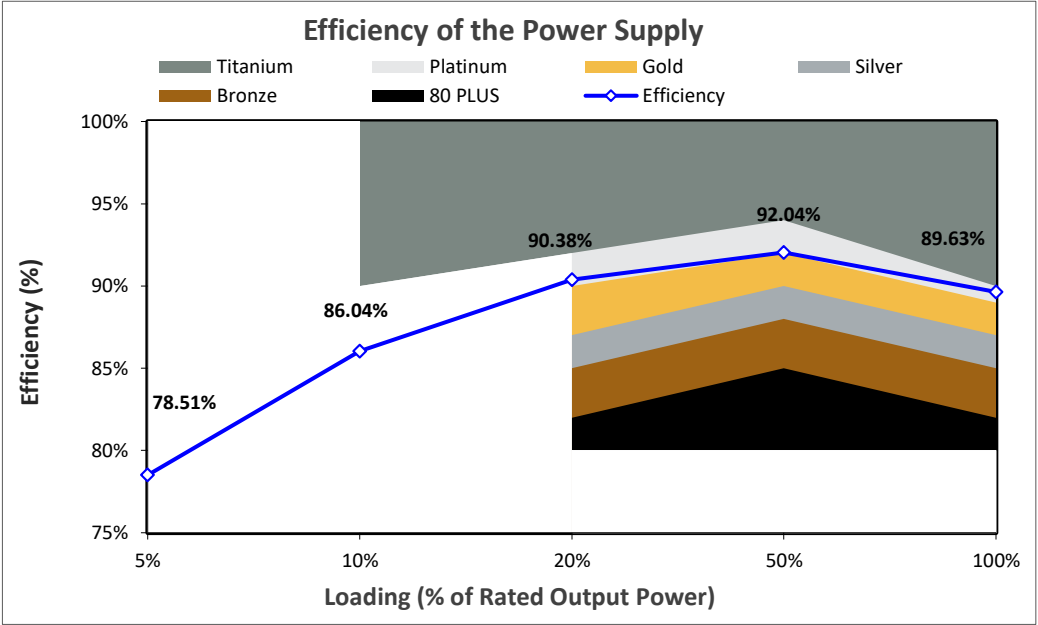
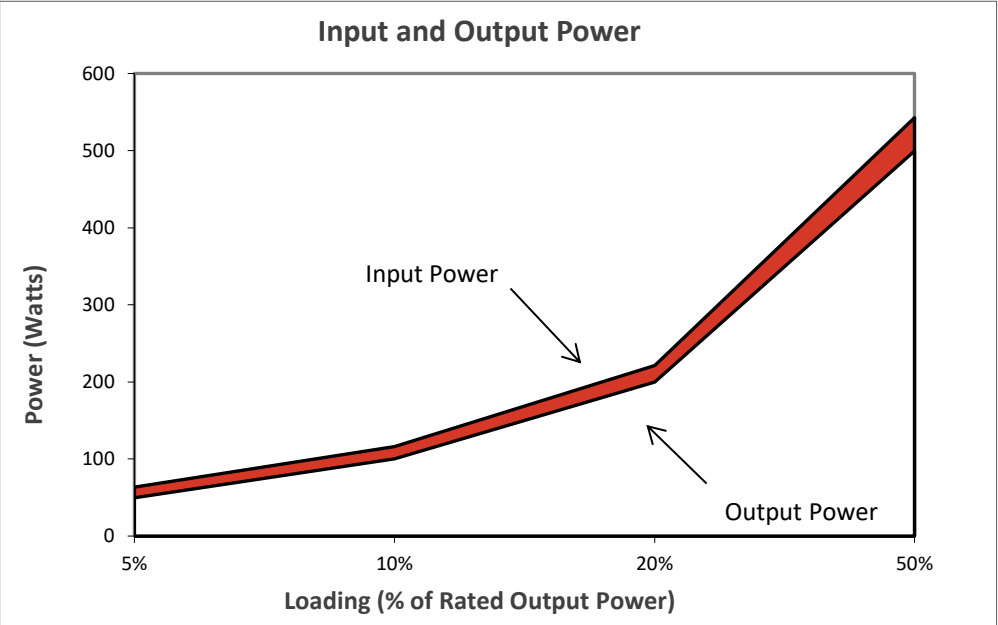
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 14.81%, 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			5VSB
0.188	0.7018	20.83	0%	15.14	No-Load							
0.584	0.9483	18.99	5%	63.63	11.97/3.63		12.14/0.013	3.33/0.68	5.04/0.68	5.12/0.131	49.95	78.51%
1.039	0.9724	17.88	10%	116.13	11.97/7.26		12.14/0.026	3.33/1.36	5.04/1.36	5.11/0.261	99.91	86.04%
1.963	0.9799	17.78	20%	221.17	11.98/14.51		12.15/0.052	3.33/2.73	5.04/2.73	5.11/0.523	199.90	90.38%
4.792	0.9845	14.81	50%	542.64	11.97/36.28		12.16/0.131	3.33/6.82	5.04/6.82	5.09/1.307	499.44	92.04%
9.753	0.9921	10.27	100%	1113.10	11.95/72.55		12.17/0.261	3.33/13.64	5.04/13.64	5.06/2.612	997.70	89.63%



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/>