

80 PLUS Verification and Testing Report

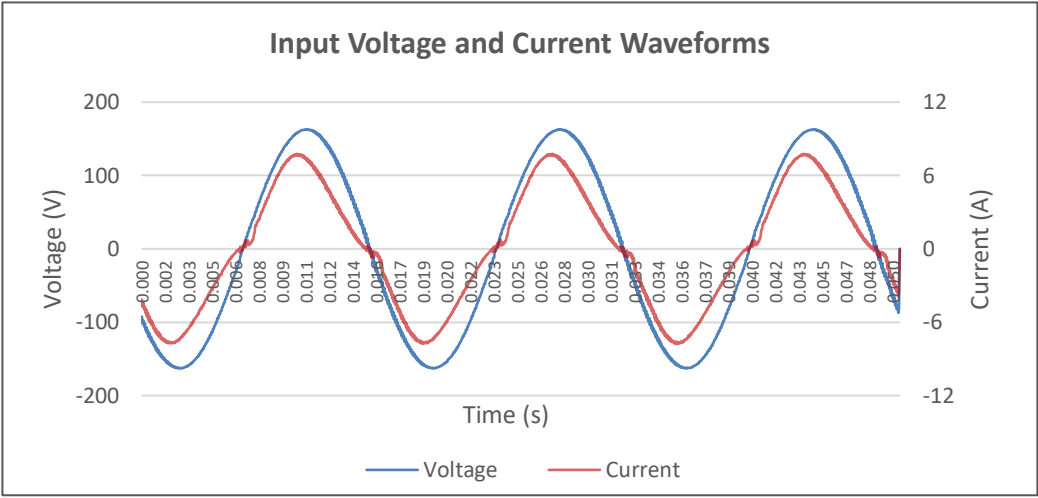
TYPICAL EFFICIENCY (50% Load):	91.19%
AVERAGE EFFICIENCY :	88.05%
80 PLUS COMPLIANT:	Gold



ID Number	7578
Manufacturer	Gamer Storm
Model Number	PN1000D (PNA00D-FC)
Serial Number	N/A
Type	ATX12V
Test Date	9/19/24

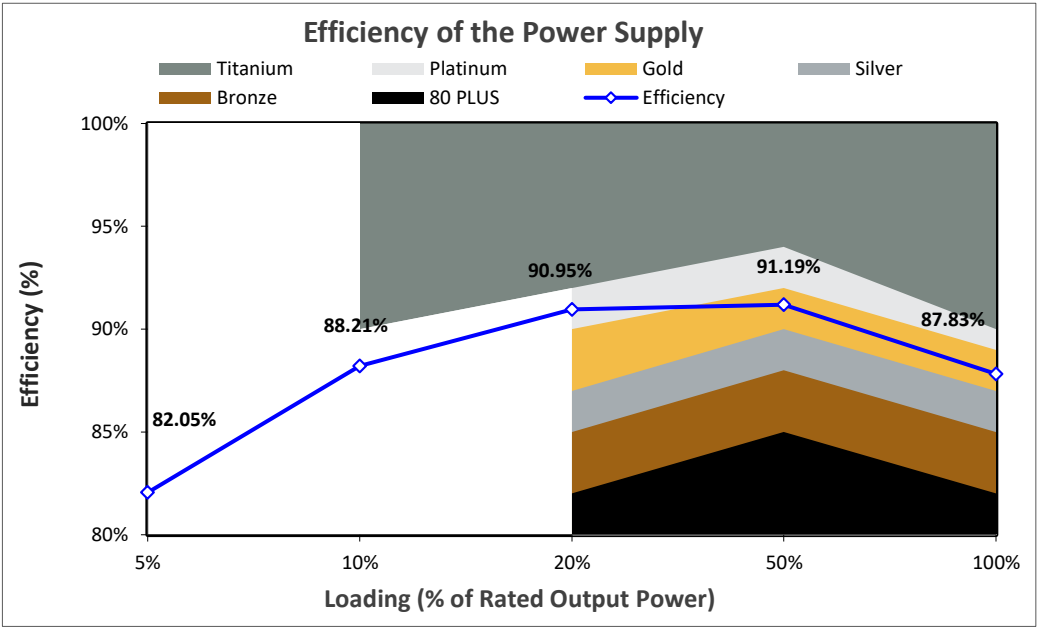
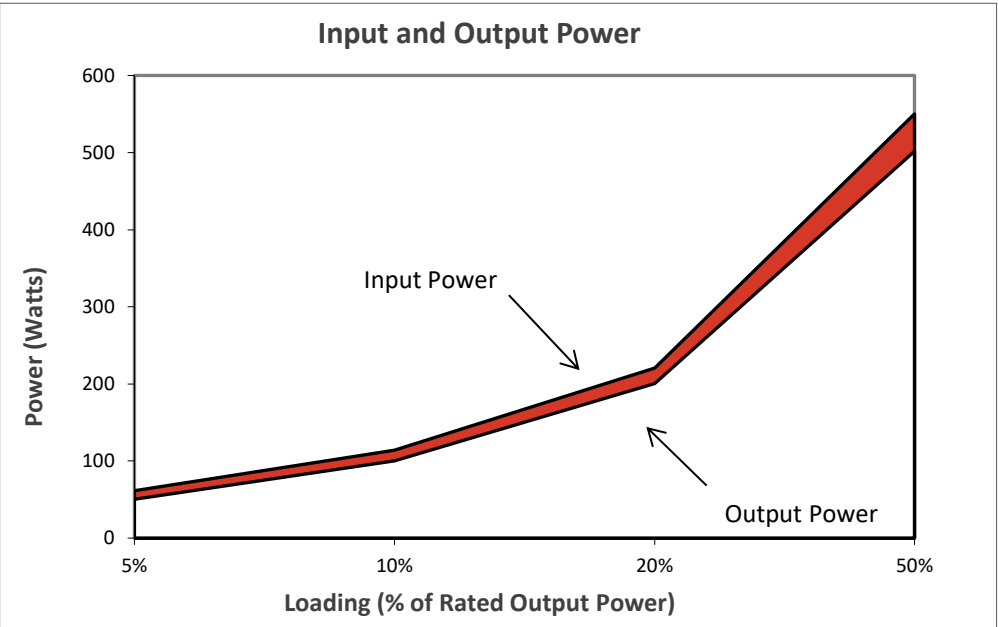
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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



Input AC Current Waveform (ITHD = 14.84%, 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		
0.128	0.3619	21.00	0%	5.32	No-Load						
0.569	0.9352	17.58	5%	61.16	12.03/3.69	12.2/0.013	3.35/0.59	5.04/0.59	5.09/0.133	50.19	82.05%
1.022	0.9694	16.09	10%	113.85	12.04/7.39	11.85/0.027	3.35/1.17	5.04/1.17	5.09/0.266	100.43	88.21%
1.948	0.9851	12.36	20%	220.75	12.04/14.77	11.7/0.053	3.35/2.35	5.04/2.35	5.06/0.532	200.78	90.95%
4.876	0.9809	14.84	50%	550.15	12.03/36.92	11.82/0.133	3.35/5.87	5.04/5.87	5/1.33	501.66	91.19%
10.026	0.9873	12.65	100%	1138.64	11.99/73.84	12.2/0.266	3.36/11.75	5.04/11.75	4.87/2.659	1000.09	87.83%



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/>