

80 PLUS Verification and Testing Report

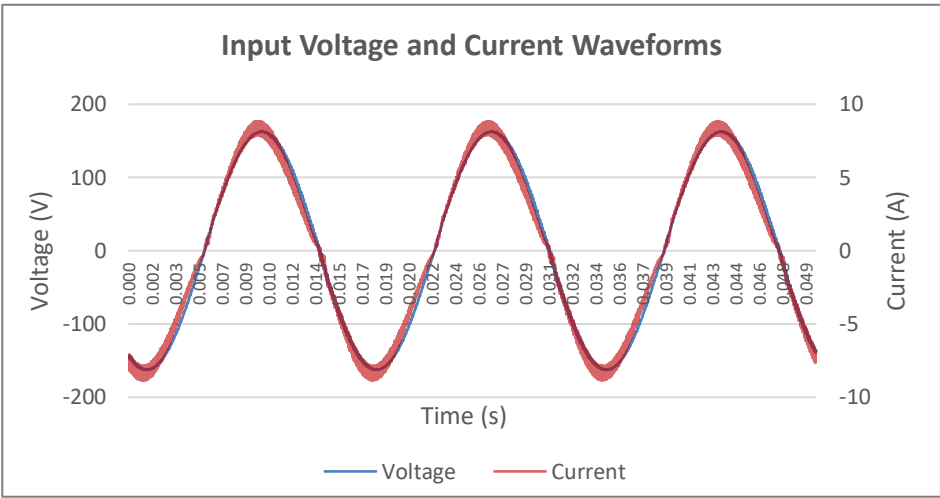
TYPICAL EFFICIENCY (50% Load):	91.88%
AVERAGE EFFICIENCY :	89.17%
80 PLUS COMPLIANT:	Gold



ID Number	7276.3
Manufacturer	Gamer Storm
Model Number	PQ1200G (PQC00G-FD)
Serial Number	N/A
Year	2024
Type	ATX12V, EPS12V
Test Date	1/23/24

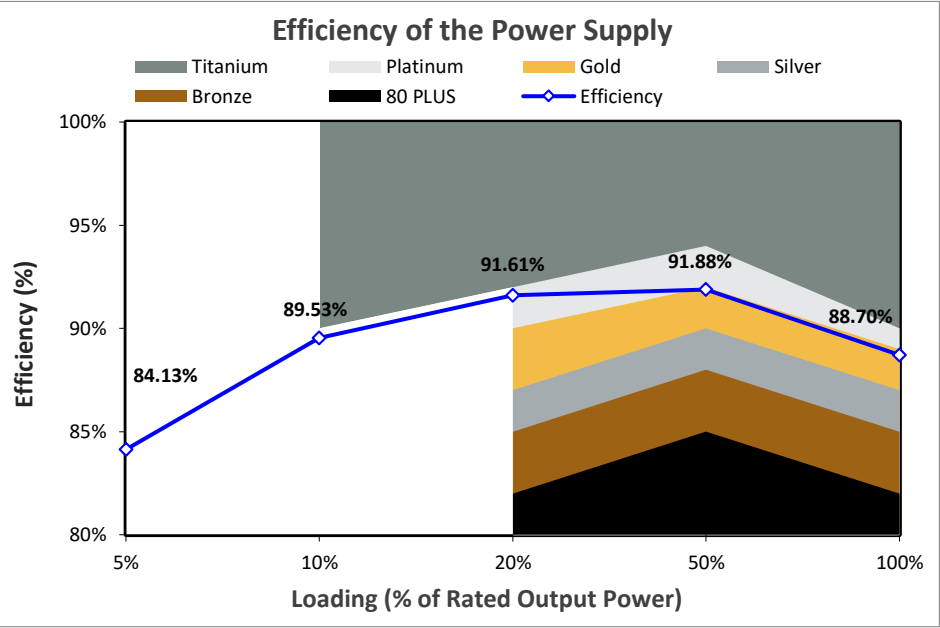
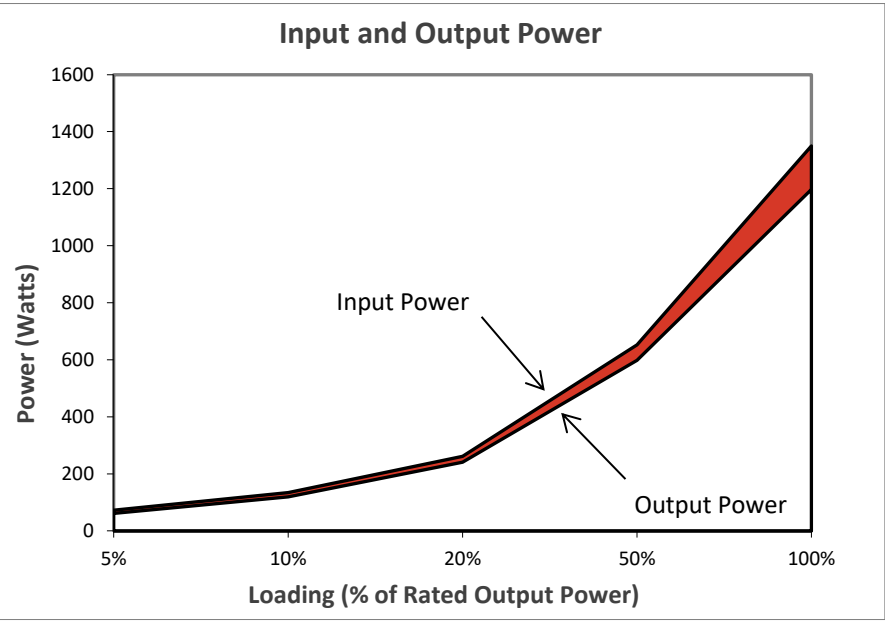
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		15-7.5	Amps
Input Frequency		50-60	Hz
Rated Output Power		1200	Watts

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



Input AC Current Waveform (ITHD = 5.19%, 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		
0.119	0.5429	45.83	0%	7.44	No-Load						
0.653	0.9515	13.51	5%	71.48	12/4.48	12.13/0.013	3.34/0.65	5.13/0.65	5.14/0.135	60.14	84.13%
1.190	0.9785	8.29	10%	133.94	11.95/8.97	12.16/0.027	3.34/1.3	5.13/1.3	5.13/0.269	119.92	89.53%
2.306	0.9872	7.83	20%	261.79	11.96/17.93	12.22/0.054	3.34/2.59	5.13/2.59	5.1/0.538	239.84	91.61%
5.690	0.9959	5.19	50%	651.57	11.95/44.83	12.4/0.134	3.34/6.48	5.12/6.48	5.04/1.345	598.67	91.88%
11.767	0.9979	3.81	100%	1350.26	11.96/89.65	12.68/0.269	3.33/12.96	5.12/12.96	4.93/2.688	1197.72	88.70%



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/>