

80 PLUS Verification and Testing Report

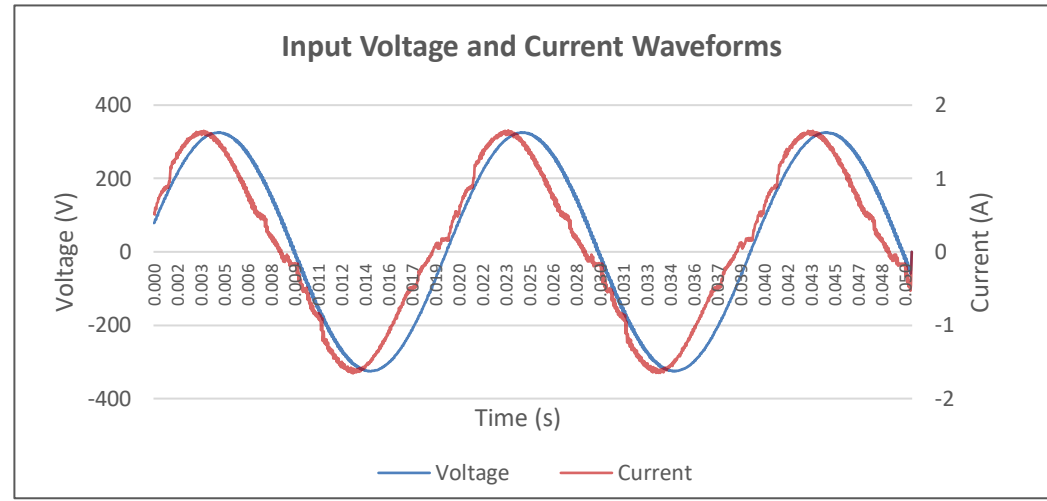
TYPICAL EFFICIENCY (50% Load):	86.67%
AVERAGE EFFICIENCY :	80.19%
80 PLUS COMPLIANT:	Standard



ID Number	EU-1103
Manufacturer	Gamer Storm
Model Number	PF400X (PF400X-HD)
Serial Number	N/A
Type	ATX12V
Test Date	9/20/24

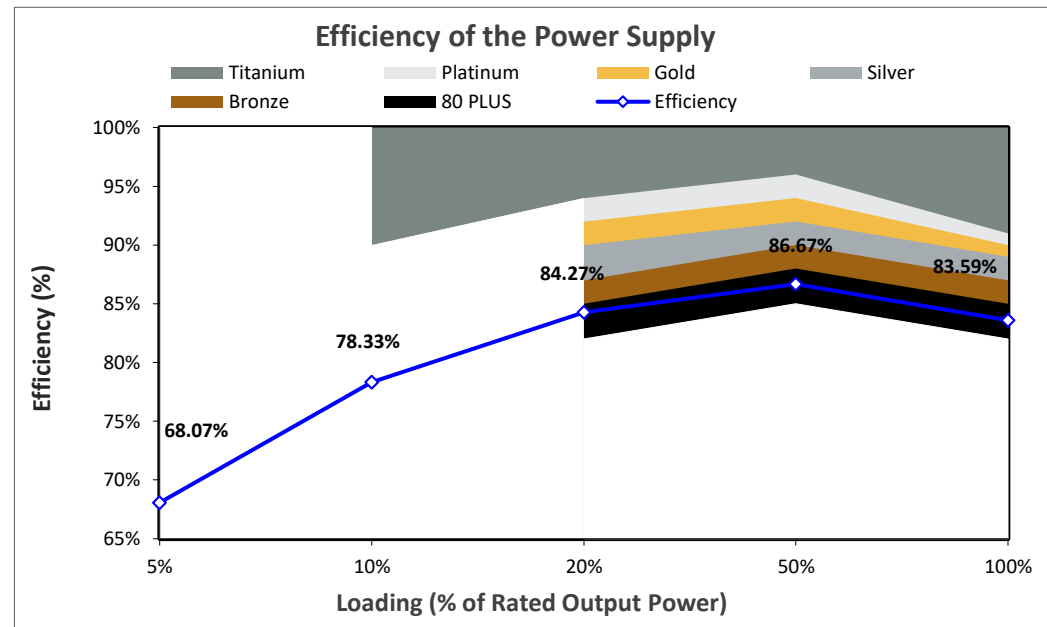
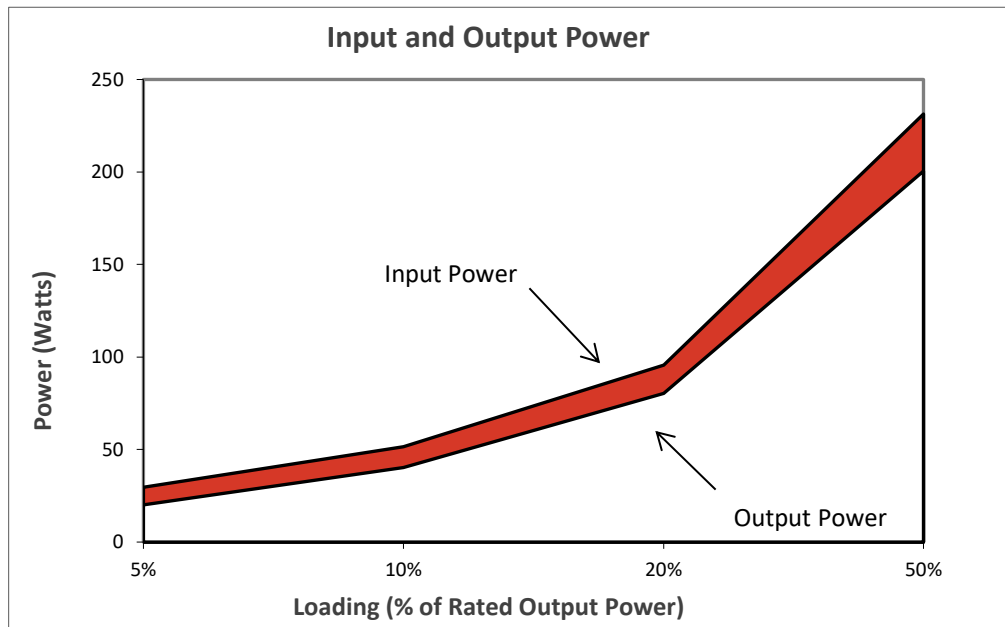
Rated Specifications	Value	Units
Input Voltage	200-240	Volts
Input Current	3.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	400	Watts

Note: All measurements were taken with input voltage at 230 V nominal at 50 Hz.



Input AC Current Waveform (ITHD = 11.87%, 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		
0.133	0.1557	16.54	0%	4.77	No-Load						
0.222	0.5776	19.48	5%	29.54	11.97/1.28	11.87/0.012	3.4/0.48	5.19/0.48	5.02/0.1	20.11	68.07%
0.299	0.7464	16.83	10%	51.39	11.99/2.56	11.93/0.024	3.4/0.96	5.17/0.96	5.01/0.2	40.25	78.33%
0.475	0.8746	14.83	20%	95.52	12.01/5.12	11.99/0.048	3.39/1.93	5.15/1.93	5/0.4	80.49	84.27%
1.054	0.9543	11.87	50%	231.33	11.97/12.8	12.1/0.12	3.36/4.82	5.11/4.82	4.95/1	200.50	86.67%
2.118	0.9781	8.14	100%	476.55	11.91/25.6	12.31/0.24	3.32/9.64	5.05/9.64	4.88/2	398.35	83.59%



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/>