

80 PLUS Verification and Testing Report

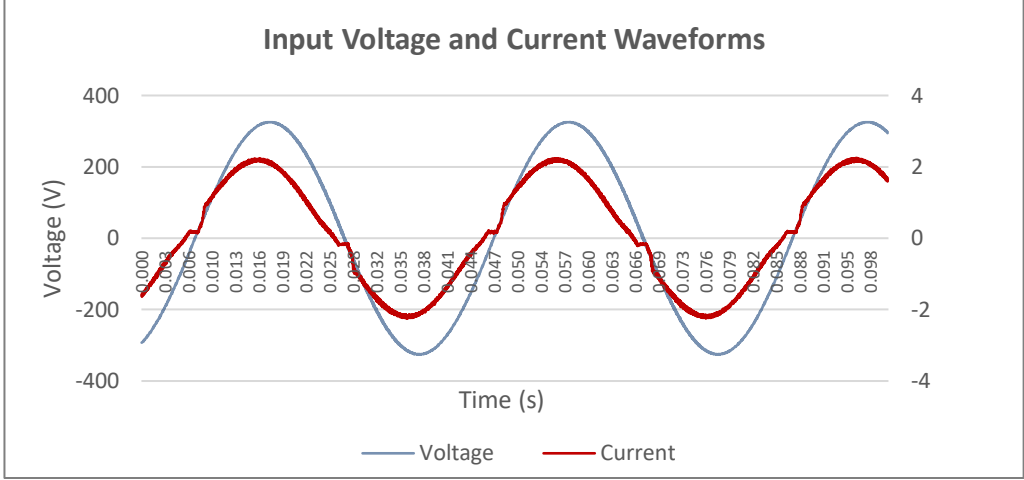
TYPICAL EFFICIENCY (50% Load):	90.13%
AVERAGE EFFICIENCY :	82.15%
AVERAGE STANDBY EFFICIENCY :	75.85%
80 PLUS COMPLIANT:	Bronze



ID Number	EU-1294
Manufacturer	Gamer Storm
Model Number	PF600D V2
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	12/22/25

Rated	Value	Units
Input Voltage	200-240	Volts
Input Current	4	Amps
Input Frequency	50-60	Hz
Rated Output Power	600	Watts

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



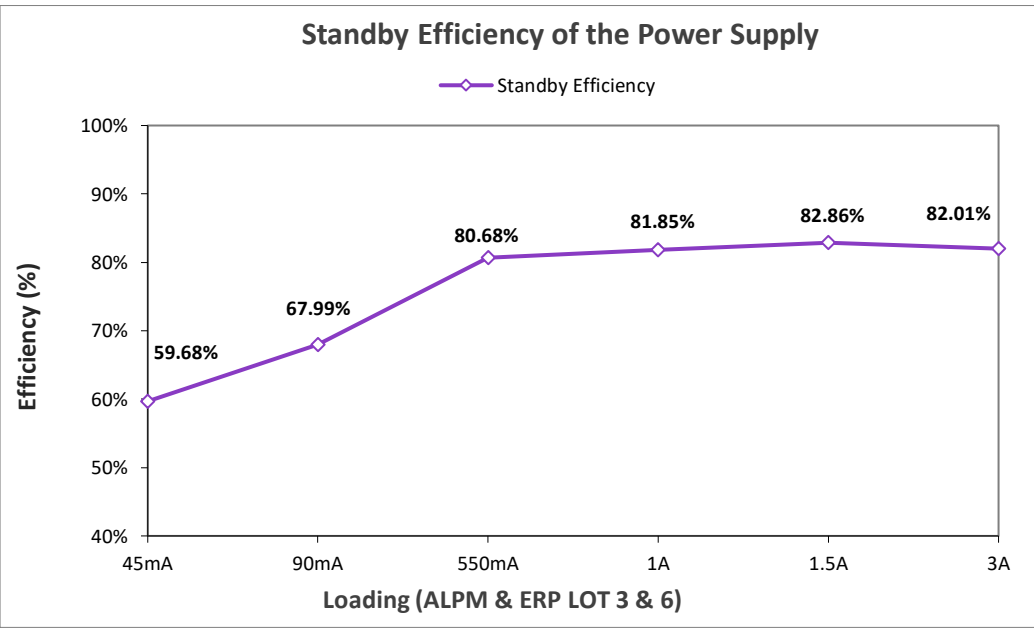
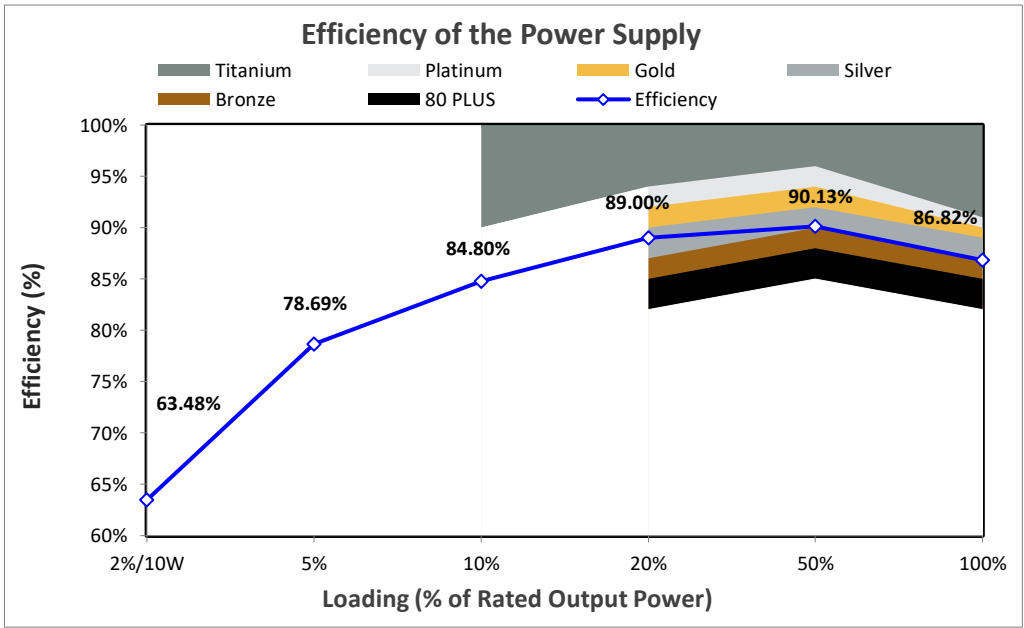
Input AC Current Waveform (ITHD = 7.56%, 50% Load)

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		
0.141	0.2236	19.45	0%	7.30	No-Load						
0.189	0.4389	22.37	2%/10W	19.05	12.081/0.837	11.901/0.005	3.337/0.201	5.076/0.201	5.032/0.050	12.10	63.48%
0.255	0.6561	19.10	5%	38.42	12.081/2.090	12.176/0.013	3.336/0.503	5.075/0.503	5.028/0.125	30.23	78.69%
0.379	0.8174	15.40	10%	71.29	12.081/4.177	12.185/0.025	3.338/1.004	5.074/1.004	5.021/0.251	60.45	84.80%
0.642	0.9201	12.83	20%	135.87	12.082/8.353	12.192/0.050	3.337/2.010	5.072/2.010	5.007/0.501	120.92	89.00%
1.500	0.9716	7.56	50%	335.35	12.084/20.878	12.213/0.125	3.336/5.028	5.063/5.028	4.964/1.253	302.25	90.13%
3.054	0.9909	3.88	100%	696.20	12.092/41.753	12.409/0.251	3.332/10.058	5.046/10.059	4.888/2.504	604.43	86.82%

Note: Efficiency data was obtained from Sample 1 (Serial Number: N/A)

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)		Output Watts	Standby Efficiency
					5VSB			
0.122	0.0032	1.73	0mA	0.09	Vampire Load			
0.122	0.0135	4.77	45mA	0.38	5.047/0.045		0.23	59.68%
0.123	0.0237	7.98	90mA	0.67	5.045/0.090		0.45	67.99%
0.130	0.1141	33.73	550mA	3.43	5.032/0.550		2.77	80.68%
0.144	0.1842	50.25	1A	6.13	5.020/1.000		5.02	81.85%
0.163	0.2402	62.41	1.5A	9.06	5.006/1.500		7.51	82.86%
0.236	0.3336	79.09	3A	18.15	4.963/3.000		14.89	82.01%

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: N/A)



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. <https://www.clearesult.com/80plus/> [\[clearesult.com\]](https://www.clearesult.com/)