

80 PLUS Verification and Testing Report

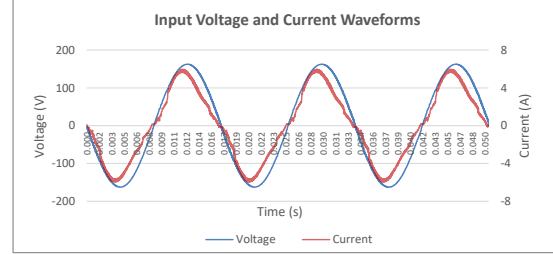
TYPICAL EFFICIENCY (50% Load):	91.28%
AVERAGE EFFICIENCY :	83.53%
AVERAGE STANDBY EFFICIENCY :	77.25%
80 PLUS COMPLIANT:	Gold



ID Number	7710
Manufacturer	Gamer Storm
Model Number	PN750D (PN750D-FC)
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	1/16/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	10-5	Amps
Input Frequency	50-60	Hz
Rated Output Power	750	Watts

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



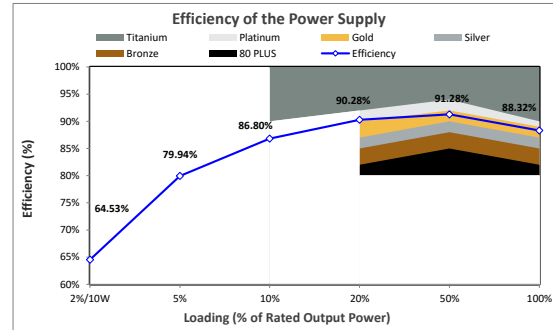
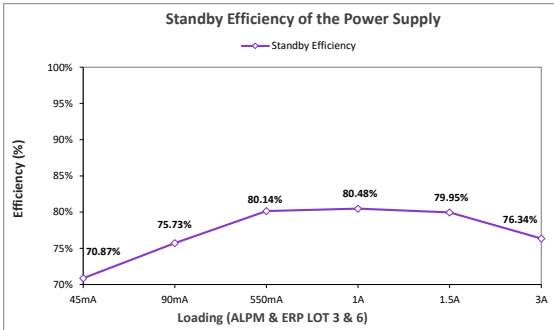
Input AC Current Waveform (THD = 15.39%, 50% Load)

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		
0.157	0.5477	22.08	0%	9.88							
0.255	0.7980	20.48	2%/10W	23.41	12.071/1.069	11.887/0.005	3.348/0.226	5.053/0.226	5.094/0.051	15.11	64.53%
0.449	0.9146	17.40	5%	47.23	12.069/2.670	11.763/0.013	3.347/0.566	5.052/0.566	5.090/0.128	37.76	79.94%
0.795	0.9520	18.13	10%	86.99	12.068/5.339	11.637/0.026	3.348/1.132	5.052/1.131	5.084/0.256	75.51	86.80%
1.493	0.9736	16.48	20%	167.20	12.064/10.674	11.510/0.051	3.348/2.263	5.053/2.262	5.072/0.512	150.94	90.28%
3.659	0.9819	15.39	50%	413.02	12.055/26.679	11.502/0.128	3.349/5.657	5.053/5.657	5.031/1.281	377.03	91.28%
7.525	0.9851	13.27	100%	852.50	12.036/53.357	11.675/0.256	3.352/11.313	5.058/11.313	4.958/2.560	752.96	88.32%

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						
0.087	0.0049	1.52	0mA	0.05							
0.087	0.0322	9.72	45mA	0.32	5.097/0.045					0.23	70.87%
0.089	0.0592	17.06	90mA	0.61	5.096/0.090					0.46	75.73%
0.114	0.2660	57.87	550mA	3.49	5.081/0.550					2.80	80.14%
0.152	0.3601	72.89	1A	6.30	5.067/1.000					5.07	80.48%
0.196	0.4167	78.81	1.5A	9.48	5.050/1.500					7.58	79.95%
0.347	0.4836	83.72	3A	19.67	5.000/3.003					15.01	76.34%

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/)