80 PLUS Verification and Testing Report

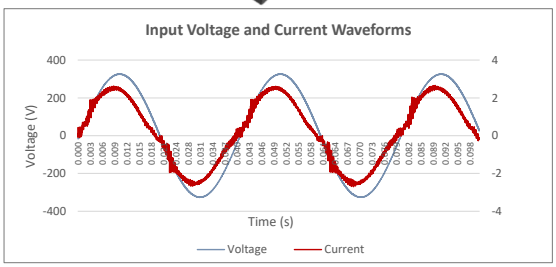
TYPICAL EFFICIENCY (50% Load):	**91.04%**
AVERAGE EFFICIENCY :	**82.84%**
AVERAGE STANDBY EFFICIENCY :	**74.31%**
80 PLUS COMPLIANT:	**Silver**



ID Number	EU-1295
Manufacturer	Gamer Storm
Model Number	PF700D 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	4.5	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	700	**Watts**

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



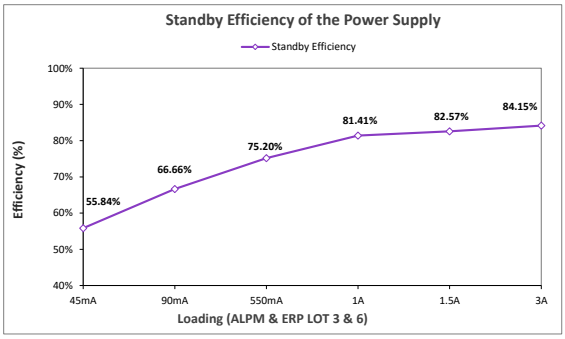
Input AC Current Waveform (ITHD = 10.34%, 50% Load)

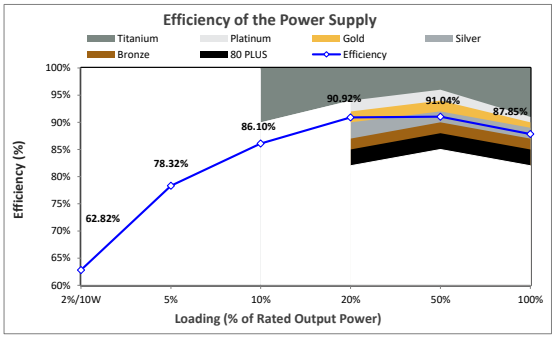
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.389	0.0762	91.68	0%	**6.83**	**No-Load**						
0.479	**0.2028**	87.71	2%/10W	**22.35**	12.019/0.997	11.755/0.005	3.340/0.207	5.072/0.207	5.026/0.052	**14.04**	**62.82%**
0.597	**0.3267**	86.70	5%	**44.83**	12.019/2.493	12.184/0.013	3.340/0.518	5.072/0.518	5.022/0.129	**35.11**	**78.32%**
0.674	**0.5269**	78.02	10%	**81.54**	12.019/4.983	12.192/0.026	3.341/1.035	5.072/1.036	5.014/0.258	**70.20**	**86.10%**
0.810	**0.8330**	43.63	20%	**154.44**	12.018/9.966	12.179/0.052	3.342/2.070	5.074/2.071	5.000/0.516	**140.41**	**90.92%**
1.713	**0.9778**	10.34	50%	**385.48**	12.016/24.919	12.151/0.129	3.344/5.176	5.074/5.177	4.955/1.289	**350.94**	**91.04%**
3.498	**0.9923**	4.75	100%	**798.44**	12.010/49.838	12.226/0.258	3.347/10.352	5.073/10.353	4.878/2.578	**701.41**	**87.85%**

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		
0.345	0.0013	92.46	0mA	**0.10**	**Vampire Load**		
0.331	**0.0054**	89.93	45mA	**0.41**	5.055/0.045	**0.23**	**55.84%**
0.331	**0.0090**	90.59	90mA	**0.68**	5.053/0.090	**0.45**	**66.66%**
0.312	**0.0512**	89.26	550mA	**3.68**	5.038/0.550	**2.77**	**75.20%**
0.257	**0.1042**	81.13	1A	**6.17**	5.024/1.000	**5.02**	**81.41%**
0.247	**0.1606**	81.50	1.5A	**9.09**	5.007/1.500	**7.51**	**82.57%**
0.280	**0.2751**	82.54	3A	**17.68**	4.957/3.002	**14.88**	**84.15%**

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.
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