## 80 PLUS Verification and Testing Report

TYPICAL EFFICIENCY (50% Load):	90.99%
AVERAGE EFFICIENCY :	83.22%
AVERAGE STANDBY EFFICIENCY :	76.99%
80 PLUS COMPLIANT:	Gold

ID Number	7699
Manufacturer	Guangzhou Henew Technology Development Co., Ltd.
Model Number	PG1100AAA
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Туре	ATX12V
Test Date	1/7/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	13	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

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

Produce (MODEL):PETIDOAA Sama	10 million
25% <u>13000 04A 05A 35A</u> 1300001 3500 35A 13000001 35000 1300001 35.000 14000000000000000000000000000000000	



Input AC Current Waveform (ITHD = 12.02%, 50% Load)

L	DE	1	Lood	Input	DC Terminal Voltage (V)/ DC Load Current (A)				Output	Efficiency	
"RMS (A)	FF	•THD (%)	LUau	Watts	12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB	Watts	Linciency
0.113	0.2759	13.80	0%	3.59	No-Load						
0.271	0.8615	18.41	2%/10W	26.90	12.070/1.467	12.074/0.005	3.348/0.252	5.053/0.252	5.039/0.052	20.14	74.88%
0.609	0.9660	13.23	5%	67.67	12.150/3.665	12.076/0.013	3.349/0.631	5.053/0.630	5.036/0.131	50.64	74.83%
1.106	0.9841	11.92	10%	125.15	12.149/7.330	12.079/0.026	3.351/1.261	5.053/1.261	5.031/0.262	101.27	80.92%
1.990	0.9886	13.04	20%	226.32	12.140/14.656	12.082/0.052	3.352/2.522	5.052/2.522	5.021/0.523	202.38	89.42%
4.870	0.9886	12.02	50%	553.58	12.079/36.636	12.095/0.131	3.355/6.306	5.050/6.306	5.023/1.308	503.69	90.99%
9.943	0.9938	9.30	100%	1136.39	12.023/73.264	12.104/0.262	3.361/12.609	5.046/12.609	4.975/2.616	1003.04	88.27%

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

	I DE	1	Lood	Input	DC Terminal Voltage (V)/ DC Load Current (A)		Standby
"RMS (A)	FF	•THD (%)	LUau	Watts	5VSB	Watts	Efficiency
0.085	0.0032	0.96	0mA	0.03	Vampire Load		
0.086	0.0322	9.35	45mA	0.32	5.049/0.045	0.23	71.43%
0.087	0.0599	16.71	90mA	0.60	5.048/0.090	0.45	75.46%
0.111	0.2746	56.89	550mA	3.50	5.037/0.550	2.77	79.11%
0.146	0.3787	71.65	1A	6.37	5.027/1.000	5.03	78.95%
0.187	0.4361	77.53	1.5A	9.50	5.016/1.500	7.52	79.20%
0.326	0.5001	82.63	3A	19.22	4.980/3.003	14.95	77.80%

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]