

80 PLUS Verification and Testing Report

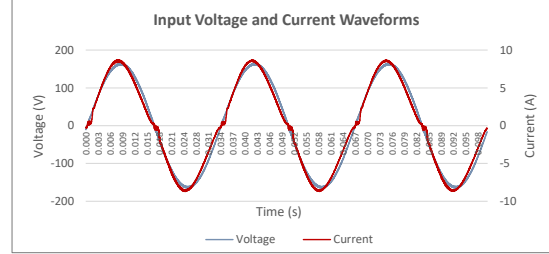
TYPICAL EFFICIENCY (50% Load):	93.01%
AVERAGE EFFICIENCY :	87.41%
AVERAGE STANDBY EFFICIENCY :	77.34%
80 PLUS COMPLIANT:	Platinum



ID Number	7875
Manufacturer	Phanteks
Model Number	PH-P1200GH 01
Sample 1 S/N:	S/N:P1200GH824120255
Sample 2 S/N:	S/N:P1200GH824120122
Type	ATX 3.1
Test Date	6/20/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	15-7.5	Amps
Input Frequency	50-60	Hz
Rated Output Power	1200	Watts

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

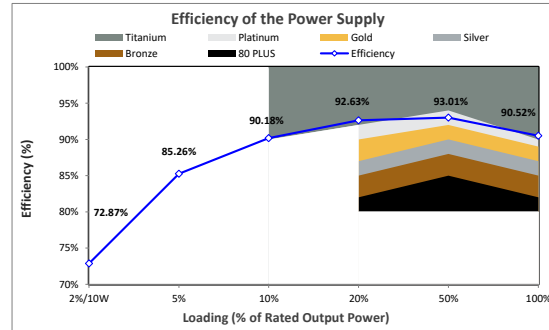
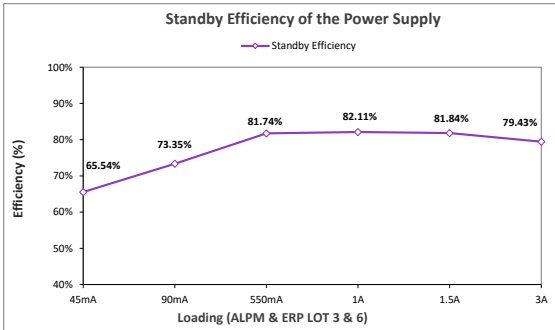


I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.093	0.4059	35.68	0%	4.35	No-Load						
0.318	0.9104	33.00	2%/10W	33.28	12.123/1.794	12.089/0.005	3.377/0.259	5.017/0.259	5.016/0.054	24.25	72.87%
0.647	0.9547	28.38	5%	71.10	12.125/4.483	12.088/0.013	3.376/0.648	5.016/0.648	5.016/0.135	60.62	85.26%
1.205	0.9706	23.31	10%	134.43	12.126/8.964	12.091/0.027	3.375/1.296	5.014/1.296	5.013/0.269	121.23	90.18%
2.322	0.9824	17.07	20%	261.81	12.127/17.928	12.091/0.054	3.376/2.592	5.014/2.592	5.015/0.538	242.51	92.63%
5.702	0.9939	8.95	50%	652.09	12.132/44.820	12.090/0.135	3.377/6.480	5.015/6.480	5.020/1.345	606.53	93.01%
11.690	0.9970	5.47	100%	1340.00	12.131/89.633	12.092/0.269	3.377/12.960	5.013/12.960	5.025/2.689	1212.91	90.52%

Note: Efficiency data was obtained from Sample 1 (Serial Number: S/N:P1200GH824120255)

I _{RMS} (A)	PF	I _{THD} (%)	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Standby Efficiency
					5VSB	Vampire Load					
0.070	0.0069	9.21	0mA	0.06							
0.069	0.0427	16.10	45mA	0.34		4.924/0.045				0.22	65.54%
0.069	0.0759	23.30	90mA	0.60		4.923/0.090				0.44	73.35%
0.090	0.3184	62.78	550mA	3.30		4.911/0.550				2.70	81.74%
0.120	0.4334	73.31	1A	5.96		4.899/1.000				4.90	82.11%
0.157	0.4945	77.24	1.5A	8.95		4.885/1.500				7.33	81.84%
0.288	0.5526	80.09	3A	18.30		4.843/3.002				14.54	79.43%

Note: Standby efficiency data was obtained from Sample 2 (Serial Number: S/N:P1200GH824120122)



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/)