80 PLUS Verification and Testing Report

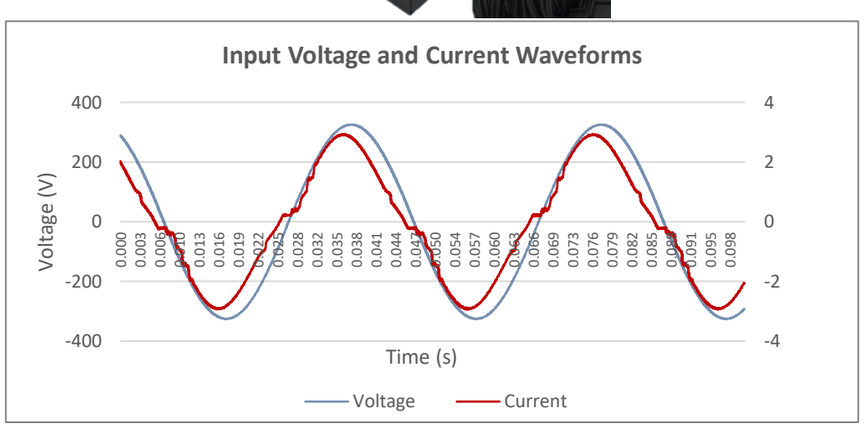
TYPICAL EFFICIENCY (50% Load):	**90.08%**
AVERAGE EFFICIENCY :	**81.60%**
AVERAGE STANDBY EFFICIENCY :	**74.68%**
80 PLUS COMPLIANT:	**Bronze**



ID Number	EU-1290
Manufacturer	GAMEMAX
Model Number	P750BH(MAX P750B)
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	12/19/25

Rated	**Value**	**Units**
Input Voltage	200-240	**Volts**
Input Current	6	**Amps**
Input Frequency	50-60	**Hz**
Rated Output Power	750	**Watts**

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



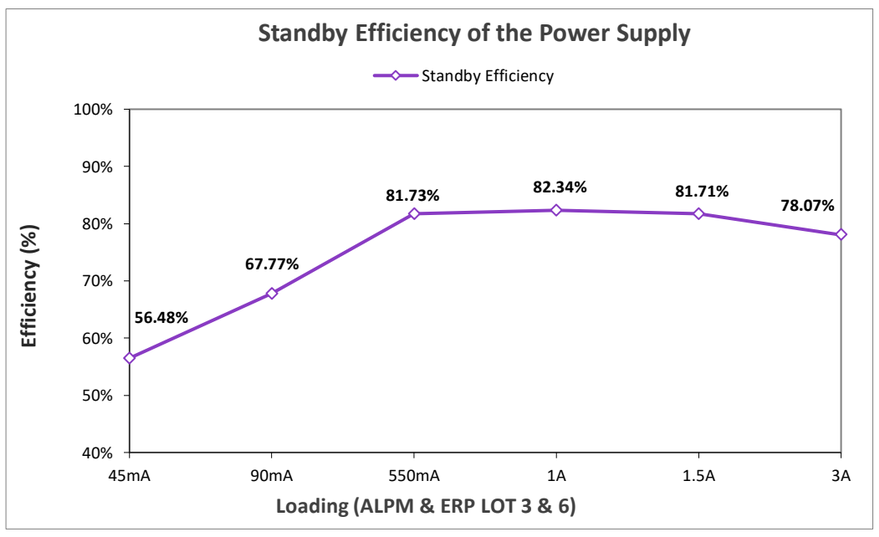
Input AC Current Waveform (ITHD = 13.88%, 50% Load)

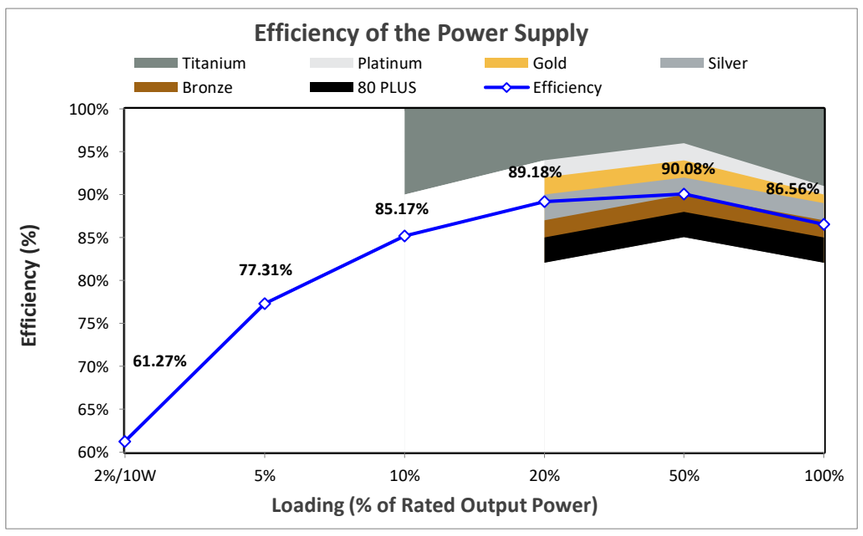
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.177	0.2811	18.02	0%	**11.47**	**No-Load**						
0.214	**0.5040**	22.49	2%/10W	**24.81**	12.132/1.082	11.532/0.005	3.401/0.208	5.151/0.208	5.088/0.052	**15.20**	**61.27%**
0.295	**0.7230**	23.65	5%	**49.15**	12.131/2.701	11.890/0.013	3.401/0.520	5.151/0.520	5.073/0.130	**38.00**	**77.31%**
0.452	**0.8581**	21.91	10%	**89.16**	12.130/5.400	11.883/0.026	3.402/1.038	5.152/1.039	4.896/0.259	**75.94**	**85.17%**
0.789	**0.9377**	18.07	20%	**170.17**	12.127/10.797	11.858/0.052	3.405/2.078	5.152/2.079	4.727/0.518	**151.75**	**89.18%**
1.873	**0.9772**	13.88	50%	**421.01**	12.122/26.989	11.847/0.130	3.408/5.199	5.153/5.200	4.733/1.295	**379.27**	**90.08%**
3.849	**0.9885**	10.52	100%	**875.28**	12.111/53.969	12.064/0.259	3.417/10.401	5.155/10.401	4.614/2.590	**757.65**	**86.56%**

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		
0.153	0.0038	1.78	0mA	**0.14**	**Vampire Load**		
0.154	**0.0114**	4.41	45mA	**0.41**	5.080/0.045	**0.23**	**56.48%**
0.154	**0.0191**	7.24	90mA	**0.67**	5.077/0.090	**0.46**	**67.77%**
0.161	**0.0916**	29.54	550mA	**3.39**	5.041/0.550	**2.77**	**81.73%**
0.174	**0.1516**	46.04	1A	**6.08**	5.006/1.000	**5.01**	**82.34%**
0.192	**0.2047**	57.59	1.5A	**9.05**	4.931/1.500	**7.40**	**81.71%**
0.265	**0.2962**	77.00	3A	**18.30**	4.763/3.000	**14.29**	**78.07%**

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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