

80 PLUS Verification and Testing Report

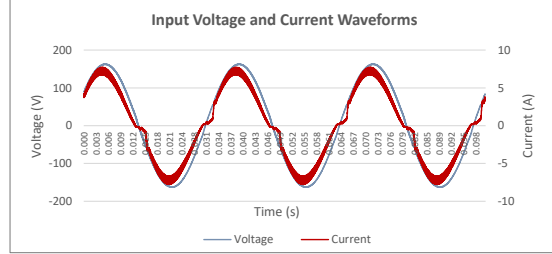
TYPICAL EFFICIENCY (50% Load):	92.74%
AVERAGE EFFICIENCY :	87.09%
AVERAGE STANDBY EFFICIENCY :	82.10%
80 PLUS COMPLIANT:	Platinum



ID Number	8007
Manufacturer	ASRock
Model Number	SL-1000P
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	10/21/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	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.



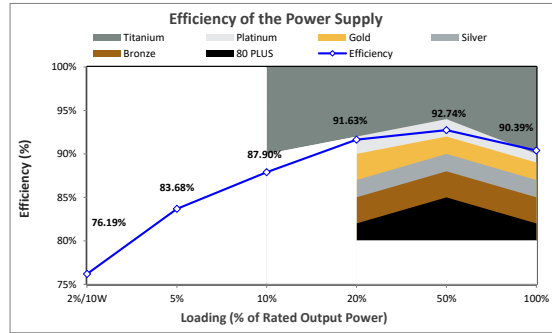
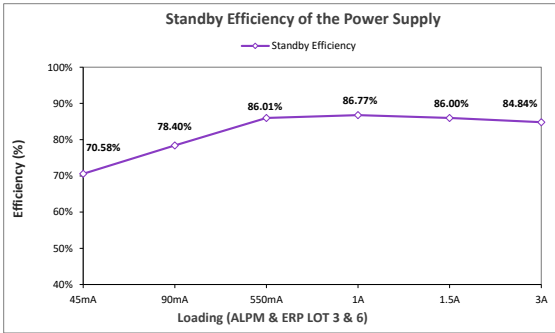
Input AC Current Waveform (THD = 13.49%, 50% Load)

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.)						
0.118	0.1976	19.39	0%	2.71	No-Load						
0.280	0.8164	37.71	2%/10W	26.29	11.985/1.465	12.052/0.005	3.299/0.254	5.129/0.254	5.162/0.053	20.03	76.19%
0.570	0.9142	35.43	5%	59.96	12.017/3.661	12.054/0.013	3.299/0.634	5.129/0.634	5.163/0.132	50.17	83.68%
1.049	0.9480	29.48	10%	114.30	12.037/7.320	12.057/0.026	3.300/1.267	5.129/1.267	5.163/0.263	100.46	87.90%
1.979	0.9661	23.86	20%	219.83	12.070/14.641	12.061/0.053	3.300/2.535	5.128/2.536	5.156/0.527	201.44	91.63%
4.782	0.9867	13.49	50%	542.35	12.052/36.601	12.078/0.132	3.301/6.342	5.128/6.344	5.139/1.317	502.96	92.74%
9.714	0.9945	8.28	100%	1110.81	12.028/73.203	12.082/0.263	3.302/12.685	5.127/12.687	5.108/2.632	1004.03	90.39%

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						
0.105	0.0044	3.88	0mA	0.05	Vampire Load						
0.106	0.0268	12.70	45mA	0.33	5.144/0.045					0.23	70.58%
0.108	0.0477	21.57	90mA	0.59	5.143/0.090					0.46	78.40%
0.127	0.2239	52.63	550mA	3.28	5.137/0.550					2.83	86.01%
0.157	0.3264	67.62	1A	5.91	5.130/1.000					5.13	86.77%
0.198	0.3934	75.54	1.5A	8.94	5.124/1.500					7.69	86.00%
0.336	0.4706	82.92	3A	18.04	5.102/3.000					15.31	84.84%

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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