

80 PLUS Verification and Testing Report

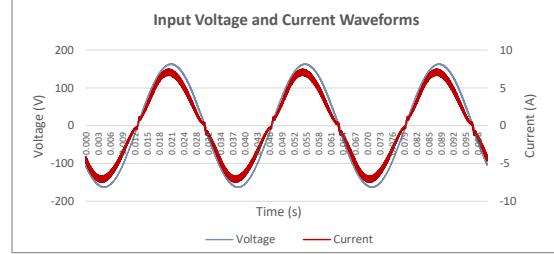
TYPICAL EFFICIENCY (50% Load):	92.87%
AVERAGE EFFICIENCY :	84.80%
AVERAGE STANDBY EFFICIENCY :	82.97%
80 PLUS COMPLIANT:	Platinum



ID Number	7989
Manufacturer	Lian Li Industrial Co., Ltd.
Model Number	SX1000P
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	10/1/25

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.



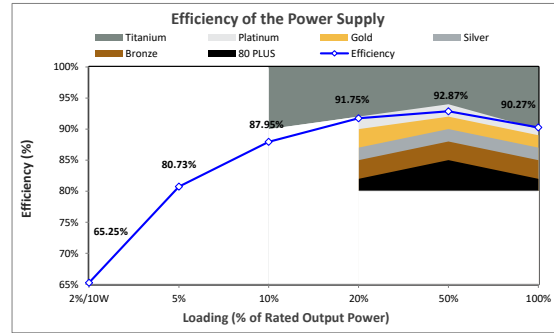
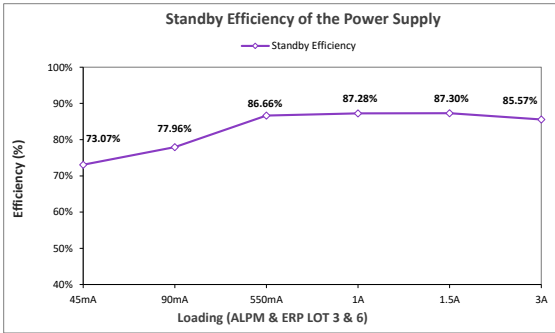
Input AC Current Waveform (ITHD = 7.47%, 50% Load)

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.)						
0.138	0.3331	29.63	0%	5.27	No-Load						
0.327	0.8210	25.29	2%/10W	30.88	12.089/1.492	11.887/0.005	3.345/0.215	5.007/0.215	5.108/0.054	20.15	65.25%
0.591	0.9181	20.46	5%	62.39	12.088/3.727	11.889/0.013	3.345/0.539	5.008/0.538	5.105/0.134	50.37	80.73%
1.038	0.9597	15.58	10%	114.52	12.087/7.451	11.893/0.027	3.345/1.075	5.009/1.076	5.100/0.268	100.72	87.95%
1.933	0.9871	4.80	20%	219.54	12.085/14.901	11.898/0.054	3.345/2.153	5.010/2.153	5.091/0.537	201.41	91.75%
4.740	0.9940	7.47	50%	542.03	12.082/37.253	11.909/0.134	3.342/5.385	5.011/5.386	5.061/1.342	503.38	92.87%
9.737	0.9951	7.76	100%	1114.20	12.074/74.494	11.928/0.268	3.338/10.773	5.012/10.774	5.010/2.682	1005.84	90.27%

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						
0.088	0.0050	5.72	0mA	0.05	Vampire Load						
0.097	0.0291	32.00	45mA	0.31	5.115/0.045					0.23	73.07%
0.114	0.0457	24.29	90mA	0.59	5.114/0.090					0.46	77.96%
0.159	0.1783	62.87	550mA	3.24	5.102/0.550					2.81	86.66%
0.186	0.2734	70.72	1A	5.83	5.091/1.000					5.09	87.28%
0.217	0.3495	77.62	1.5A	8.73	5.078/1.500					7.62	87.30%
0.338	0.4568	82.63	3A	17.66	5.038/3.000					15.11	85.57%

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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