

80 PLUS Verification and Testing Report

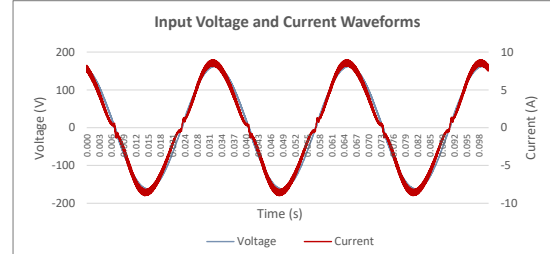
TYPICAL EFFICIENCY (50% Load):	92.62%
AVERAGE EFFICIENCY :	84.43%
AVERAGE STANDBY EFFICIENCY :	82.91%
80 PLUS COMPLIANT:	Platinum



ID Number	7990
Manufacturer	Lian Li Industrial Co., Ltd.
Model Number	SX1200P
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	10/2/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	14.8-7.5	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.



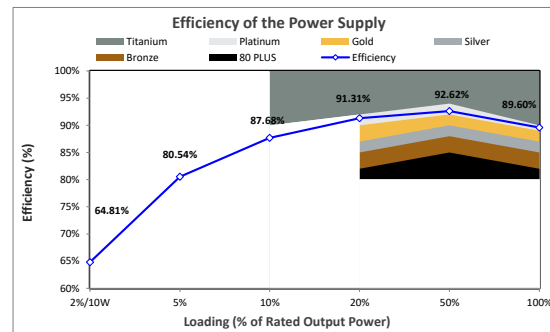
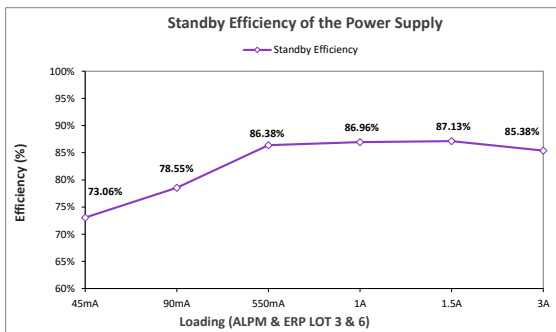
Input AC Current Waveform (THD = 9.02%, 50% Load)

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		
0.142	0.3591	28.72	0%	5.84							
0.378	0.8566	20.25	2%/10W	37.28	12.075/1.822	12.031/0.006	3.345/0.219	5.007/0.219	5.117/0.055	24.16	64.81%
0.699	0.9320	17.51	5%	74.97	12.075/4.552	12.032/0.014	3.344/0.548	5.006/0.548	5.114/0.137	60.38	80.54%
1.250	0.9582	11.18	10%	137.73	12.074/9.103	12.034/0.027	3.345/1.094	5.007/1.095	5.109/0.273	120.76	87.68%
2.332	0.9854	10.37	20%	264.44	12.072/18.203	12.039/0.055	3.344/2.191	5.007/2.191	5.099/0.546	241.47	91.31%
5.702	0.9933	9.02	50%	651.39	12.065/45.507	12.055/0.137	3.343/5.480	5.010/5.481	5.068/1.365	603.33	92.62%
11.761	0.9945	8.51	100%	1345.11	12.053/91.007	12.081/0.273	3.341/10.963	5.015/10.963	5.015/2.729	1205.17	89.60%

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						
0.089	0.0050	3.65	0mA	0.05							
0.102	0.0238	9.75	45mA	0.31						0.23	73.06%
0.131	0.0401	16.15	90mA	0.59						0.46	78.55%
0.225	0.1263	54.47	550mA	3.25						2.81	86.38%
0.183	0.2791	69.59	1A	5.86						5.10	86.96%
0.214	0.3569	76.79	1.5A	8.76						7.63	87.13%
0.360	0.4302	82.30	3A	17.73						15.14	85.38%

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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