

80 PLUS Verification and Testing Report

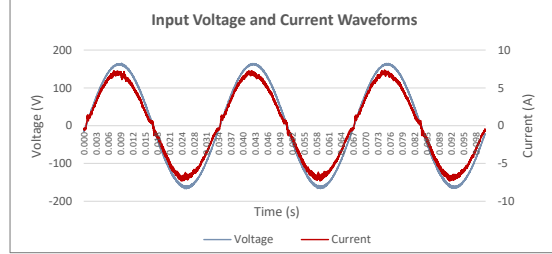
TYPICAL EFFICIENCY (50% Load):	91.41%
AVERAGE EFFICIENCY :	84.09%
AVERAGE STANDBY EFFICIENCY :	75.75%
80 PLUS COMPLIANT:	Gold



ID Number	7903
Manufacturer	Lian Li Industrial Co., Ltd.
Model Number	RS1000G
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	7/15/25

Rated	Value	Units
Input Voltage	100-240	Volts
Input Current	12-8	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.



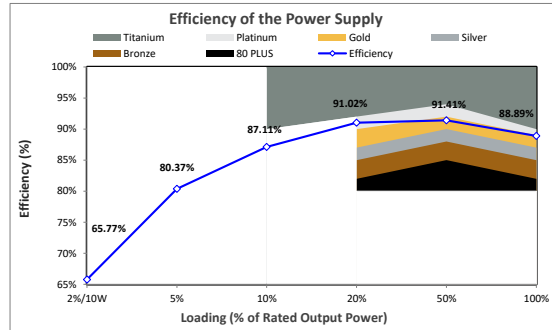
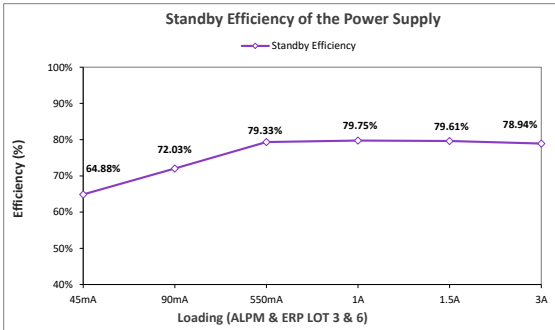
Input AC Current Waveform (ITHD = 4.65%, 50% Load)

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.)	3.3V	5V	5VSB		
0.126	0.2667	36.26	0%	3.86	No-Load					
0.321	0.8292	19.04	2%/10W	30.64	12.093/1.497	3.308/0.216	5.032/0.216	5.102/0.054	20.15	65.77%
0.601	0.9067	17.85	5%	62.61	12.075/3.738	3.308/0.540	5.032/0.540	5.096/0.135	50.32	80.37%
1.038	0.9672	15.66	10%	115.48	12.073/7.473	3.309/1.080	5.033/1.081	5.088/0.269	100.59	87.11%
1.950	0.9849	13.59	20%	220.92	12.065/14.947	3.309/2.161	5.033/2.162	5.071/0.538	201.08	91.02%
4.774	0.9978	4.65	50%	547.96	12.020/37.365	3.304/5.404	5.028/5.405	5.022/1.346	500.88	91.41%
9.770	0.9991	3.47	100%	1122.64	11.972/74.730	3.301/10.808	5.026/10.808	4.937/2.691	997.86	88.89%

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	3.3V	5V	5VSB		
0.087	0.0080	15.14	0mA	0.08	Vampire Load					
0.088	0.0349	18.03	45mA	0.35	5.115/0.045				0.23	64.88%
0.102	0.0547	23.65	90mA	0.64	5.113/0.090				0.46	72.03%
0.127	0.2413	65.78	550mA	3.54	5.101/0.550				2.81	79.33%
0.177	0.3137	77.72	1A	6.38	5.089/1.000				5.09	79.75%
0.222	0.3745	82.31	1.5A	9.56	5.076/1.500				7.61	79.61%
0.361	0.4610	84.89	3A	19.14	5.035/3.001				15.11	78.94%

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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