80 PLUS Verification and Testing Report

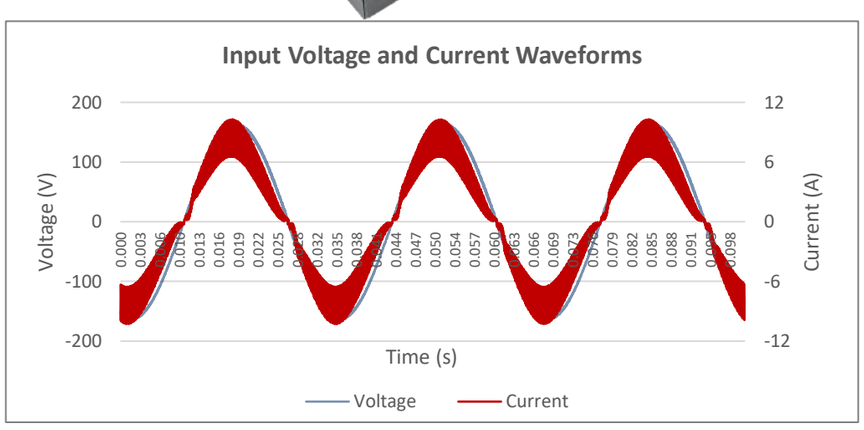
TYPICAL EFFICIENCY (50% Load):	**92.79%**
AVERAGE EFFICIENCY :	**86.04%**
AVERAGE STANDBY EFFICIENCY :	**76.81%**
80 PLUS COMPLIANT:	**Platinum**



ID Number	8175
Manufacturer	Lian Li Industrial Co., Ltd.
Model Number	EP1200C
Sample 1 S/N:	N/A
Sample 2 S/N:	N/A
Type	ATX 3.1
Test Date	4/14/26

Rated	**Value**	**Units**
Input Voltage	100-240	**Volts**
Input Current	15-7.5	**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.



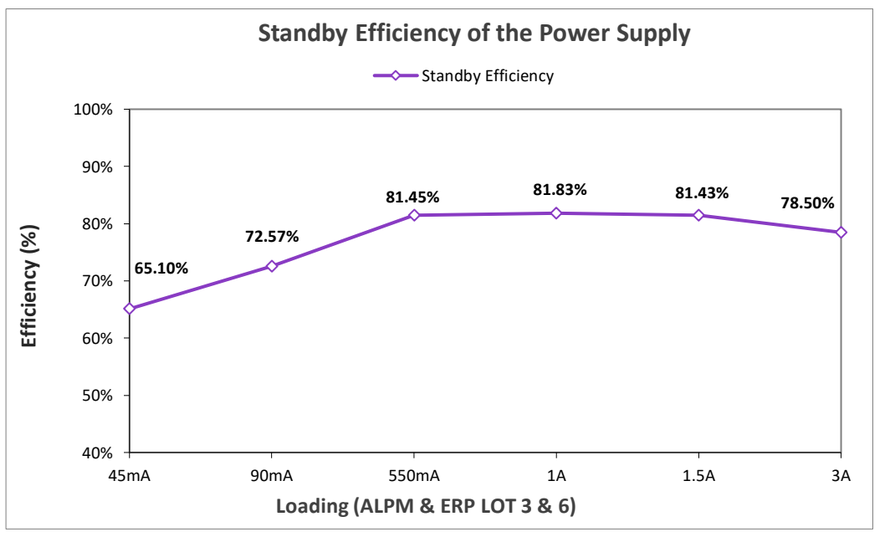
Input AC Current Waveform (ITHD = 8.29%, 50% Load)

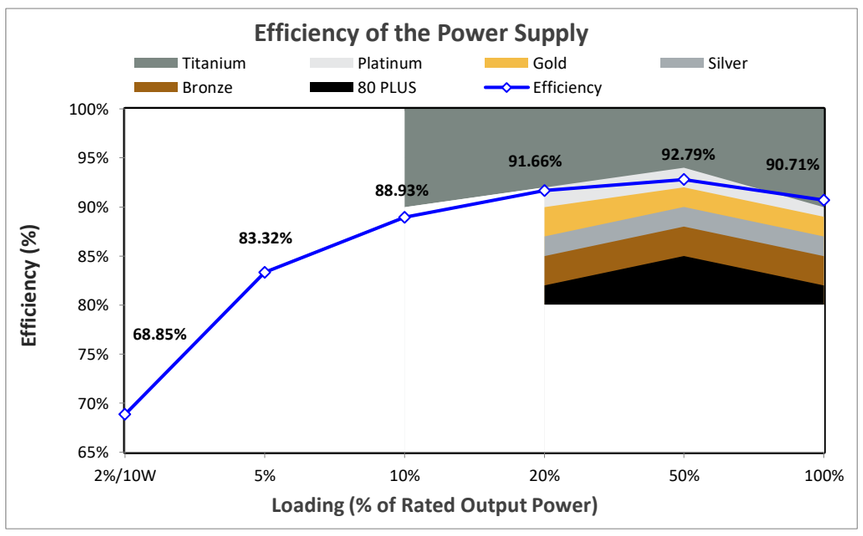
$I_{RMS\ (A)}$	PF	$I_{THD\ (\%)}$	Load	Input Watts	DC Terminal Voltage (V)/ DC Load Current (A)					Output Watts	Efficiency
					12V (cumulative of 12V1, 12V2, etc.)	-12V	3.3V	5V	5VSB		
0.168	0.5057	18.42	0%	**9.80**	**No-Load**						
0.443	**0.6964**	11.71	2%/10W	**35.48**	12.212/1.821	12.113/0.006	3.359/0.219	5.084/0.219	5.045/0.055	**24.43**	**68.85%**
0.806	**0.7910**	11.25	5%	**73.28**	12.211/4.552	12.113/0.014	3.358/0.548	5.083/0.548	5.042/0.137	**61.06**	**83.32%**
1.374	**0.8684**	12.22	10%	**137.30**	12.211/9.103	12.115/0.027	3.359/1.094	5.083/1.094	5.037/0.273	**122.09**	**88.93%**
2.476	**0.9347**	13.60	20%	**266.33**	12.208/18.204	12.119/0.055	3.356/2.190	5.083/2.190	5.026/0.546	**244.11**	**91.66%**
5.842	**0.9782**	8.29	50%	**657.19**	12.201/45.506	12.129/0.137	3.345/5.480	5.075/5.480	4.995/1.365	**609.81**	**92.79%**
11.815	**0.9872**	5.60	100%	**1342.28**	12.186/91.002	12.142/0.273	3.328/10.961	5.063/10.962	4.941/2.730	**1217.63**	**90.71%**

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		
0.080	0.0075	8.35	0mA	**0.07**	**Vampire Load**		
0.158	**0.0192**	16.20	45mA	**0.35**	5.040/0.045	**0.23**	**65.10%**
0.190	**0.0286**	23.91	90mA	**0.63**	5.040/0.090	**0.45**	**72.57%**
0.220	**0.1340**	65.01	550mA	**3.40**	5.034/0.550	**2.77**	**81.45%**
0.268	**0.1992**	74.93	1A	**6.15**	5.028/1.000	**5.03**	**81.83%**
0.337	**0.2383**	77.78	1.5A	**9.25**	5.021/1.500	**7.53**	**81.43%**
0.568	**0.2916**	79.24	3A	**19.12**	5.001/3.001	**15.01**	**78.50%**

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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