

80 PLUS Verification and Testing Report

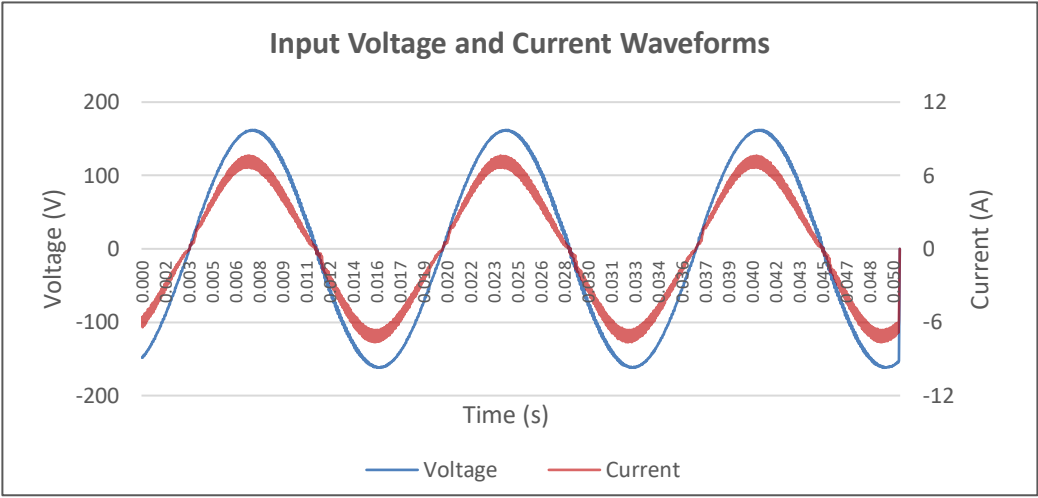
TYPICAL EFFICIENCY (50% Load):	91.24%
AVERAGE EFFICIENCY :	87.69%
80 PLUS COMPLIANT:	Gold



ID Number	7668
Manufacturer	Lian Li Industrial Co., Ltd.
Model Number	EG1000G
Serial Number	N/A
Type	ATX12V
Test Date	11/25/24

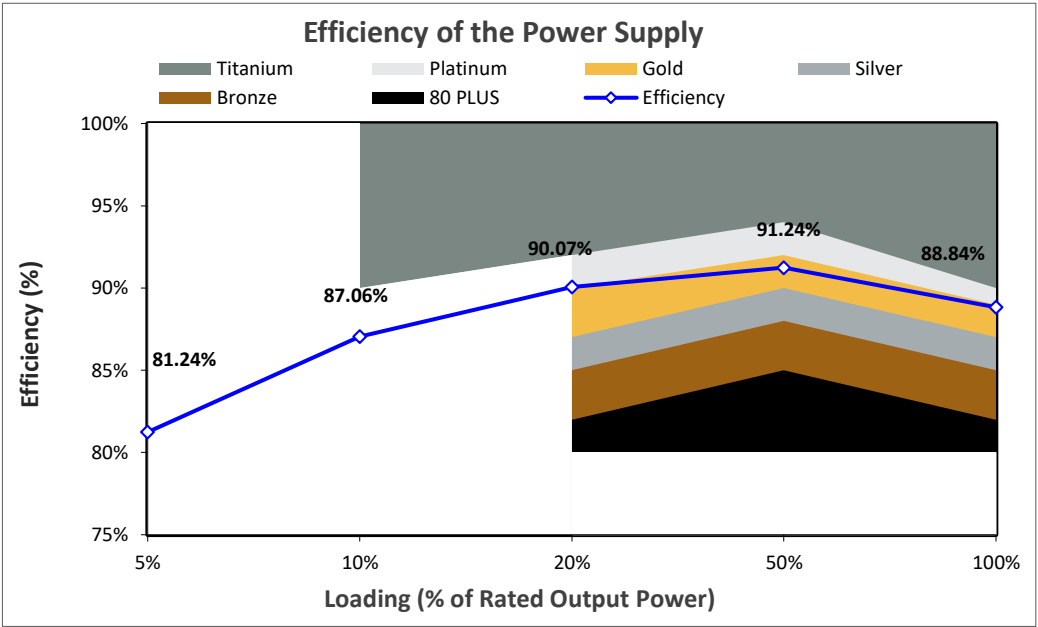
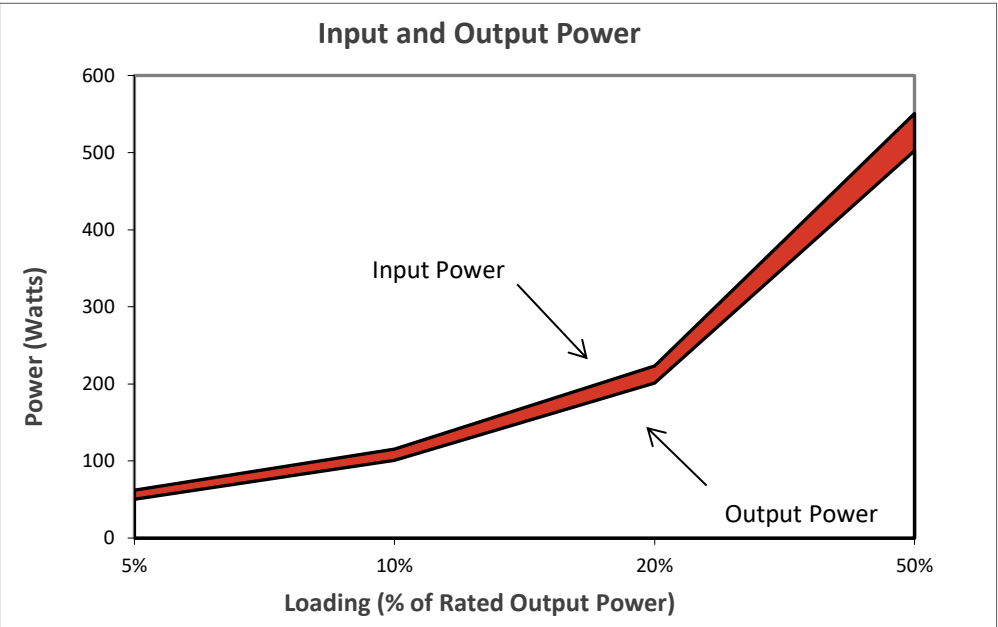
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-6	Amps
Input Frequency	50-60	Hz
Rated Output Power	1000	Watts

Note: All measurements were taken with input voltage at 115 V nominal at 60 Hz.



Input AC Current Waveform (ITHD = 5.3%, 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		
0.098	0.3951	28.58	0%	4.46	No-Load						
0.572	0.9426	14.23	5%	61.97	12.05/3.66	12.05/0.013	3.35/0.64	5.14/0.64	5.15/0.132	50.35	81.24%
1.034	0.9724	9.16	10%	115.71	12.06/7.32	12.06/0.026	3.35/1.27	5.14/1.27	5.14/0.265	100.74	87.06%
1.974	0.9842	8.19	20%	223.57	12.05/14.63	12.07/0.053	3.34/2.55	5.14/2.55	5.13/0.529	201.36	90.07%
4.837	0.9952	5.30	50%	550.64	12.03/36.58	12.08/0.132	3.32/6.37	5.13/6.37	5.1/1.322	502.40	91.24%
9.830	0.9976	3.91	100%	1127.86	12/73.16	12.1/0.265	3.31/12.74	5.13/12.74	5.05/2.644	1001.98	88.84%



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. <http://www.80plus.org/>