

80 PLUS Verification and Testing Report

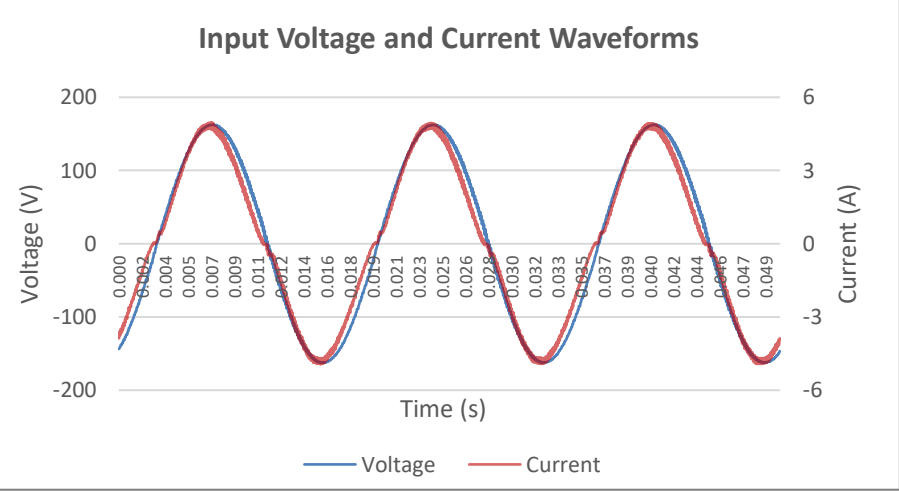
TYPICAL EFFICIENCY (50% Load):	90.88%
AVERAGE EFFICIENCY :	87.35%
80 PLUS COMPLIANT:	Gold



ID Number	7061.2
Manufacturer	LC-Power
Model Number	LC6650G-SI V3.1
Serial Number	N/A
Year	2023
Type	ATX12V, EPS12V
Test Date	6/6/23

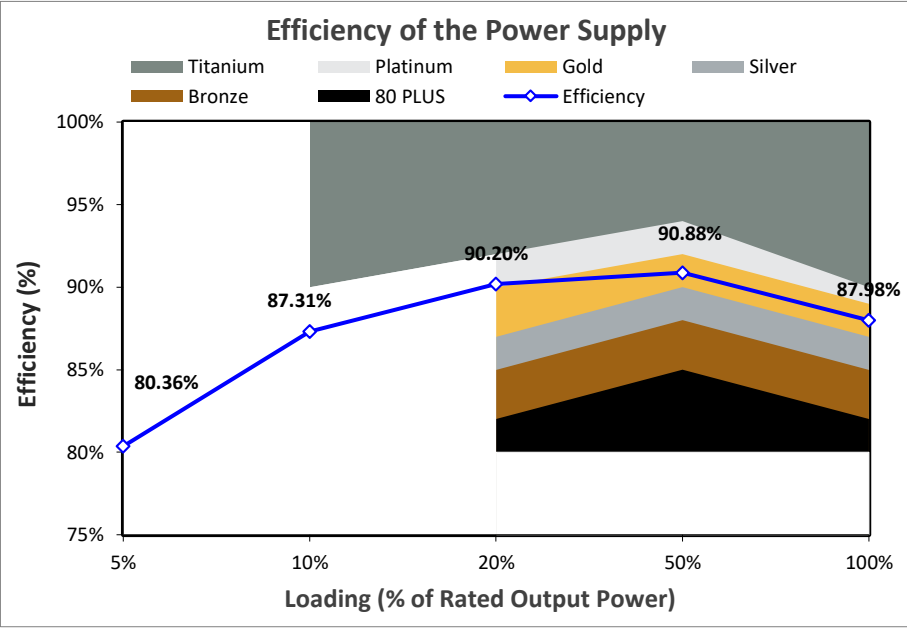
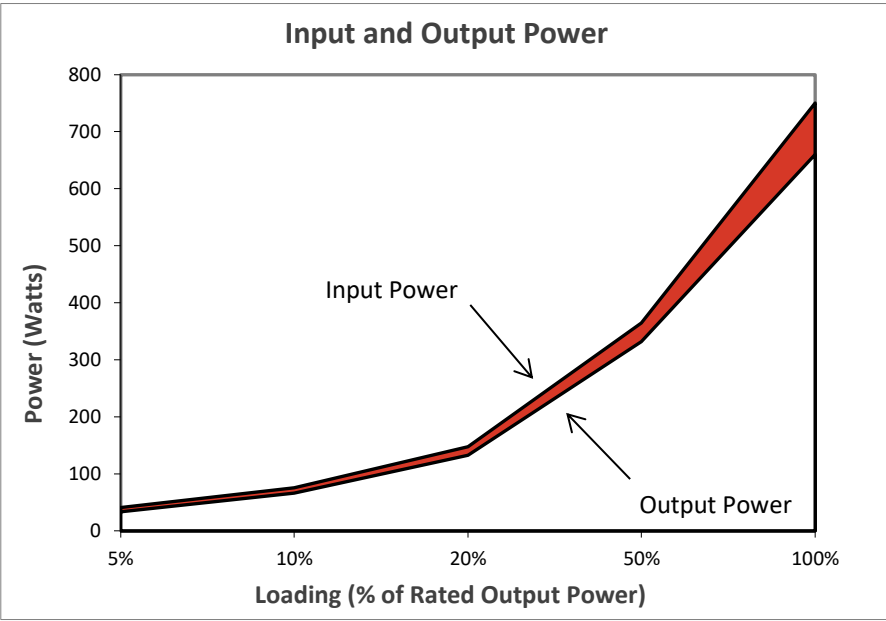
Rated Specifications		Value	Units
Input Voltage		100-240	Volts
Input Current		10	Amps
Input Frequency		50-60	Hz
Rated Output Power		650	Watts

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



Input AC Current Waveform (ITHD = 9.1%, 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		
0.104	0.5067	42.35	0%	6.05	No-Load						
0.387	0.9274	16.30	5%	41.28	12.23/2.28	12.35/0.02	3.39/0.51	5.17/0.51	5.15/0.13	33.18	80.36%
0.680	0.9713	13.88	10%	75.83	12.22/4.57	12.35/0.03	3.38/1.02	5.16/1.02	5.15/0.25	66.21	87.31%
1.306	0.9796	14.74	20%	147.21	12.22/9.15	12.34/0.07	3.38/2.04	5.15/2.04	5.14/0.51	132.78	90.20%
3.197	0.9926	9.10	50%	364.87	12.19/22.96	12.32/0.17	3.36/5.08	5.13/5.08	5.11/1.27	331.58	90.88%
6.559	0.9953	7.75	100%	750.41	12.15/45.9	12.28/0.34	3.33/10.15	5.08/10.17	5.05/2.54	660.21	87.98%



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/>