

80 PLUS Verification and Testing Report

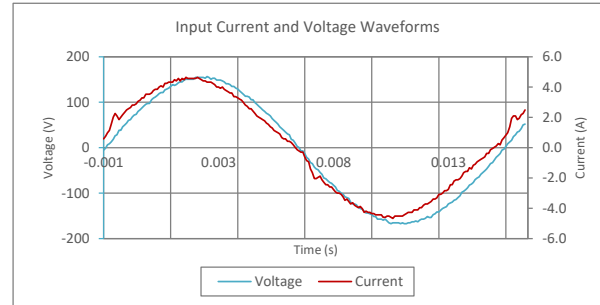
TYPICAL EFFICIENCY (50% Load):	91.33%
AVERAGE EFFICIENCY :	90.31%
80 PLUS COMPLIANT:	YES



ID Number	5700.1
Manufacturer	LC-Power
Model Number	LC6650M
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	10/8/19

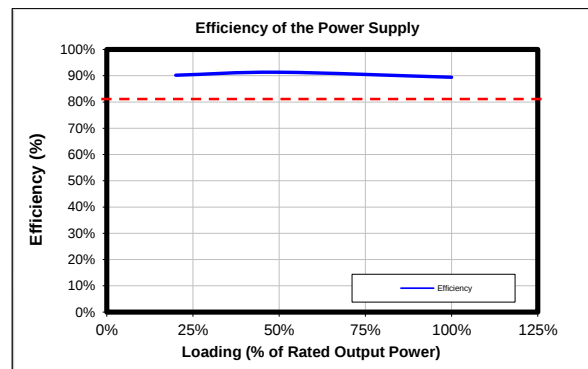
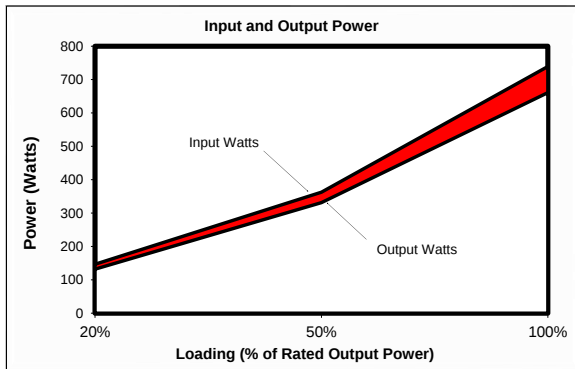
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	650	Watts

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



Input AC Current Waveform (I_{THD} = 4.38%, 50% Load)

I _{RMS}	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		
0.73	0.91	17.10%	10%	75.90	12.14/4.67	11.78/0.03	3.43/0.93	5.15/0.93	5.15/0.22	66.19	87.21%
1.31	0.97	9.49%	20%	146.42	12.15/9.32	11.8/0.05	3.43/1.87	5.15/1.86	5.15/0.43	132.06	90.19%
3.19	0.99	4.38%	50%	362.60	12.15/23.4	11.81/0.13	3.42/4.67	5.14/4.63	5.11/1.08	331.17	91.33%
6.46	1.00	4.49%	100%	739.20	12.16/46.71	11.85/0.26	3.39/9.36	5.1/9.26	5.06/2.15	660.97	89.42%



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/>