

80 PLUS Verification and Testing Report

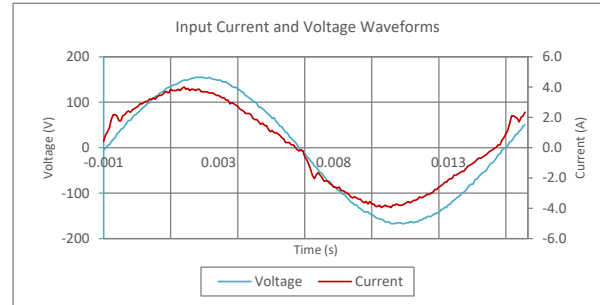
TYPICAL EFFICIENCY (50% Load):	90.96%
AVERAGE EFFICIENCY :	89.90%
80 PLUS COMPLIANT:	YES



ID Number	5701.1
Manufacturer	LC-Power
Model Number	LC6550M
Serial Number	N/A
Year	2019
Type	ATX12V
Test Date	10/8/19

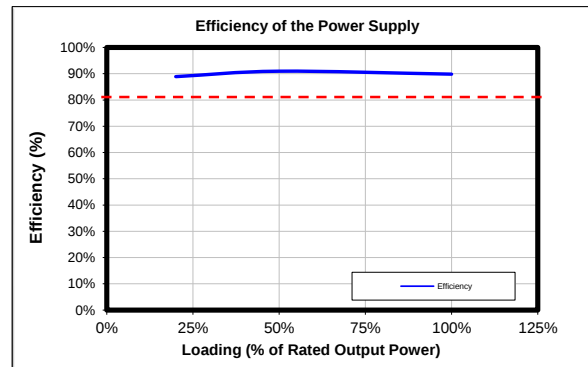
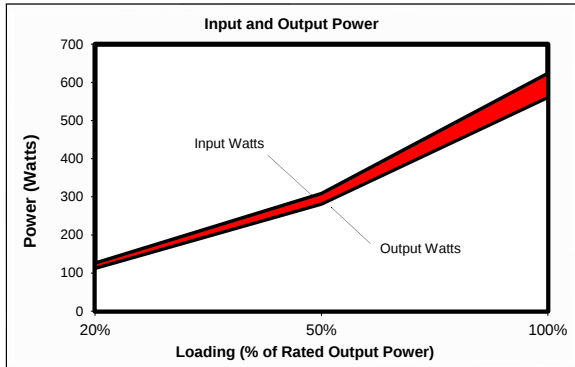
Rated Specifications	Value	Units
Input Voltage	110-240	Volts
Input Current	10	Amps
Input Frequency	47-63	Hz
Rated Output Power	550	Watts

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



Input AC Current Waveform (I_{THD} = 6.34%, 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		
0.68	0.85	24.78%	10%	66.16	12.19/3.9	11.88/0.03	3.43/0.83	5.14/0.83	5.13/0.22	56.12	84.83%
1.16	0.94	15.66%	20%	126.31	12.19/7.81	11.87/0.05	3.42/1.67	5.14/1.67	5.12/0.43	112.28	88.89%
2.73	0.98	6.34%	50%	308.60	12.19/19.54	11.82/0.13	3.41/4.17	5.13/4.14	5.09/1.08	280.71	90.96%
5.46	0.99	5.67%	100%	623.80	12.2/39.04	11.84/0.26	3.38/8.34	5.09/8.25	5.04/2.16	560.38	89.83%



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/>