

## 80 PLUS Verification and Testing Report

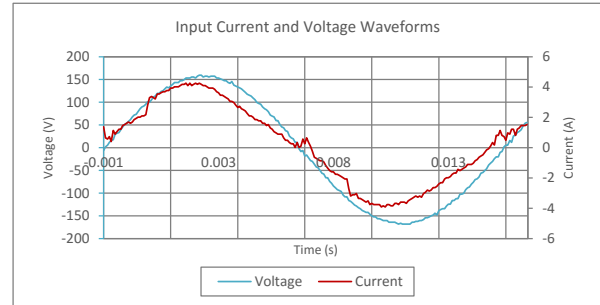
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>92.54%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>91.36%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	5159
<b>Manufacturer</b>	LC-Power
<b>Model Number</b>	LC550 V2.31 Platinum Series
<b>Serial Number</b>	N/A
<b>Year</b>	2017
<b>Type</b>	ATX12V, EPS12V
<b>Test Date</b>	11/30/17

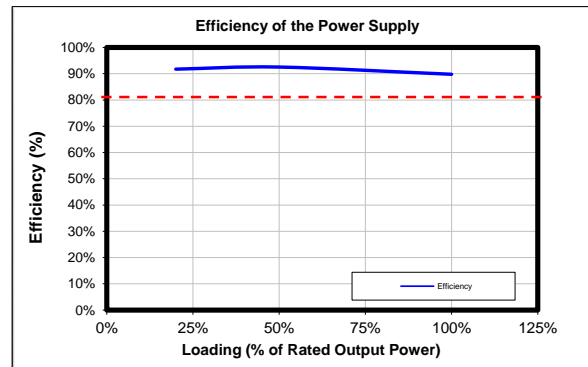
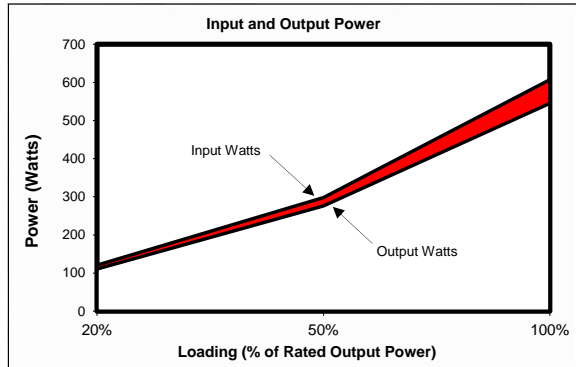
Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	8-4	Amps
Input Frequency	50-60	Hz
<b>Rated Output Power</b>	<b>550</b>	<b>Watts</b>

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



Input AC Current Waveform (I<sub>THD</sub> = 11.41%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	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		
0.62	0.88	20.79%	10%	62.13	12.07/3.78	11.95/0.03	3.35/1.01	5.05/1.01	5.05/0.21	55.46	89.27%
1.11	0.94	16.27%	20%	120.78	12.05/7.57	11.94/0.05	3.34/2.02	5.04/2.01	5.04/0.42	110.80	91.74%
2.64	0.98	11.41%	50%	298.00	12/18.95	11.97/0.13	3.3/5.05	4.99/5.01	4.99/1.05	275.77	92.54%
5.33	0.99	7.52%	100%	607.00	11.94/37.69	11.98/0.25	3.21/10.11	4.91/10	4.92/2.1	545.02	89.79%



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/>

