

# 80 PLUS Verification and Testing Report

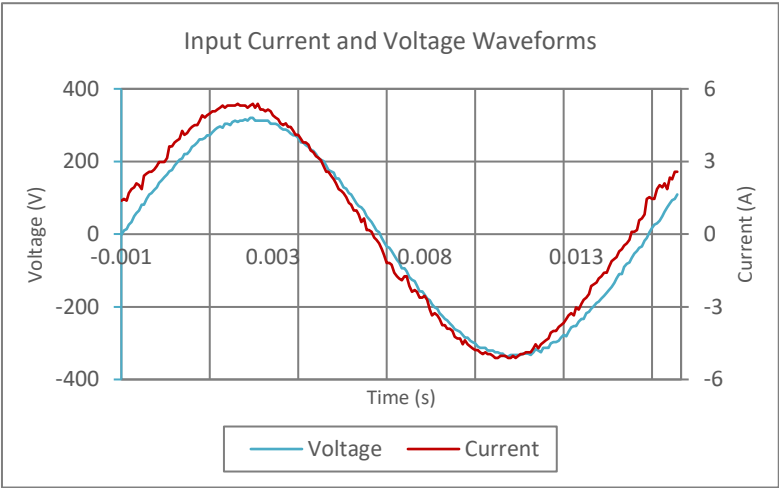
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.67%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>93.86%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	SO-1628.2
<b>Manufacturer</b>	Lite-on Technology Corporation
<b>Model Number</b>	PS-2162-15L3
<b>Serial Number</b>	N/A
<b>Year</b>	2019
<b>Type</b>	1U
<b>Test Date</b>	11/26/19

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	12-9.5	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>1,600</b>	<b>Watts</b>

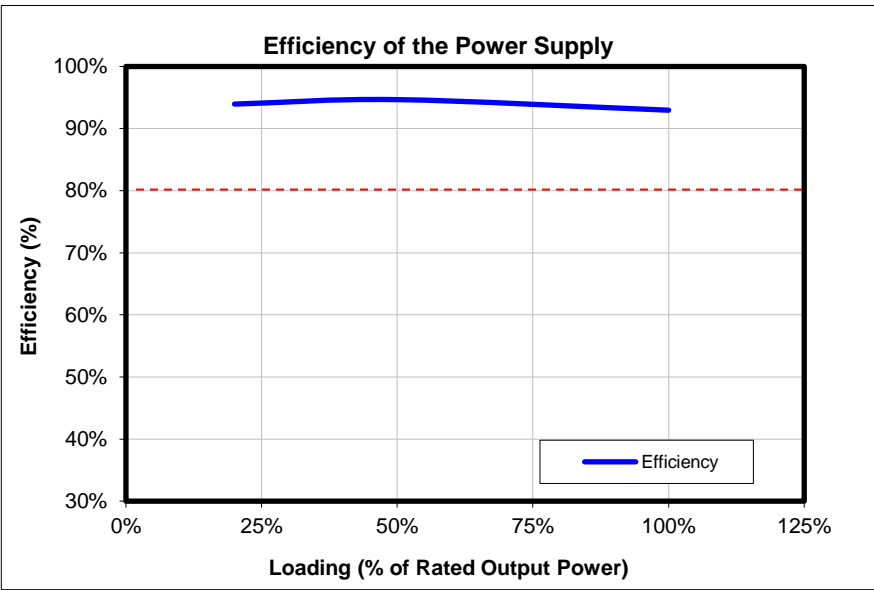
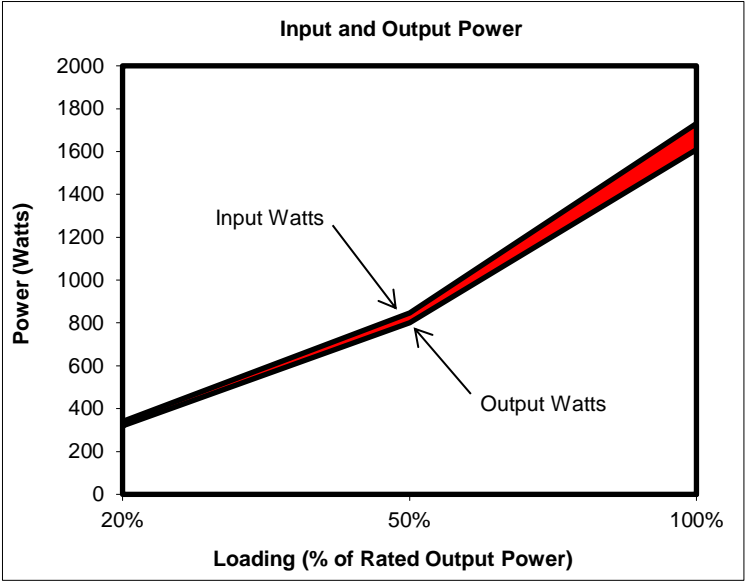
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 2.97%, 50% Load)

I <sub>RMS</sub>	PF	I <sub>THD</sub>	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							12.2V		
0.83	0.93	4.82%	10%	Low	177	0.72	12.19/13.15	160	90.47%
1.51	0.98	4.14%	20%	Light	341	0.84	12.19/26.3	321	93.95%
3.70	1.00	2.97%	50%	Typical	847	2.76	12.2/65.73	802	94.67%
7.54	1.00	1.66%	100%	Full	1731	14.88	12.24/131.44	1609	92.97%

\* Fan power is not included in the efficiency calculations



These tests were conducted by a third party independent testing firm on behalf of the 80 PLUS<sup>®</sup> 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/>