

# 80 PLUS Verification and Testing Report

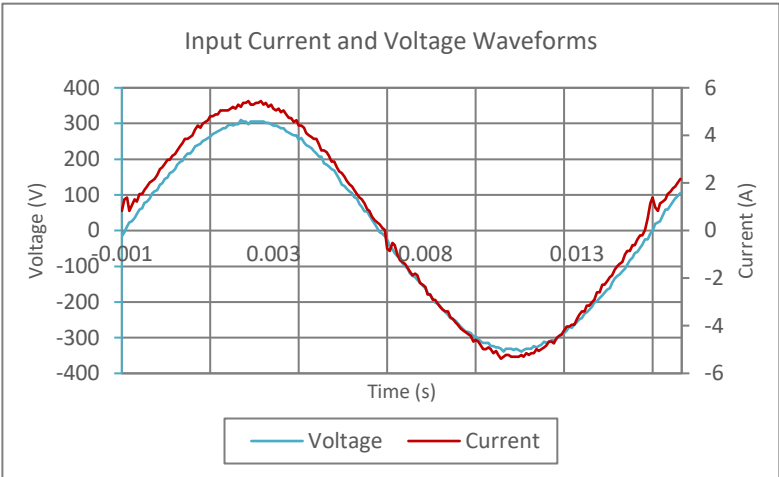
<b>TYPICAL EFFICIENCY (50% Load):</b>	<b>94.41%</b>
<b>AVERAGE EFFICIENCY :</b>	<b>93.26%</b>
<b>80 PLUS COMPLIANT:</b>	<b>YES</b>



<b>ID Number</b>	SO-1486
<b>Manufacturer</b>	Lite-on Technology Corporation
<b>Model Number</b>	PS-2162-8F
<b>Serial Number</b>	6L8FX01X3846233
<b>Year</b>	2018
<b>Type</b>	1U
<b>Test Date</b>	01/09/19

<b>Rated Specifications</b>	<b>Value</b>	<b>Units</b>
Input Voltage	100-127 / 200-240	Volts
Input Current	12/10	Amps
Input Frequency	50/60	Hz
<b>Rated Output Power</b>	<b>1,600</b>	<b>Watts</b>

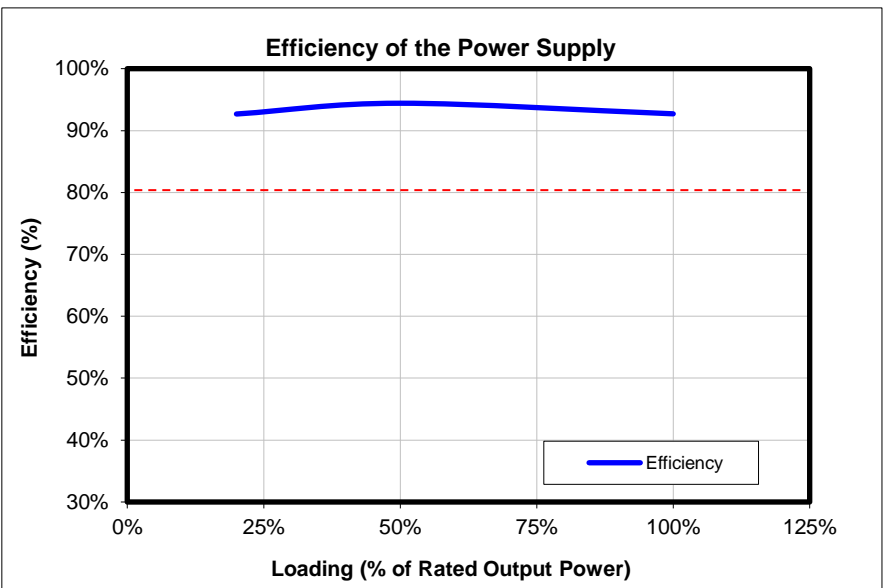
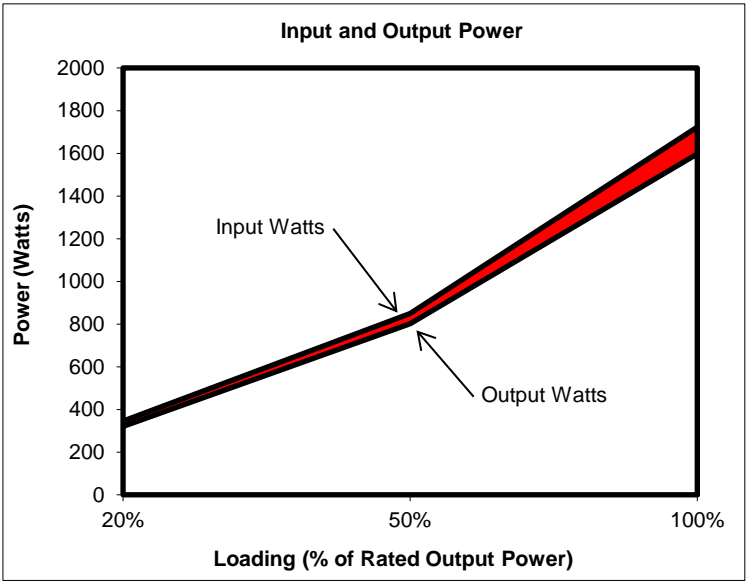
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 2.96%, 50% Load)

<b>I<sub>RMS</sub></b>	<b>PF</b>	<b>I<sub>THD</sub></b>	<b>Load</b>	<b>Fraction of Load</b>	<b>Input Watts</b>	<b>External Fan (W)*</b>	<b>DC Terminal Voltage (V)/ DC Load Current (A)</b>		<b>Output Watts</b>	<b>Efficiency</b>
							<b>12V</b>	<b>12Vsb</b>		
0.85	0.92	9.88%	10%	Low	180	0.96	12.01/13.16	11.96/0.2	160	89.28%
1.55	0.97	7.23%	20%	Light	346	2.04	12/26.33	11.93/0.4	321	92.67%
3.71	0.99	2.96%	50%	Typical	849	12.48	11.99/65.82	11.85/1	801	94.41%
7.52	1.00	2.38%	100%	Full	1723	19.80	11.95/131.65	11.75/2.01	1597	92.70%

\* 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® 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/>

