

80 PLUS Verification and Testing Report

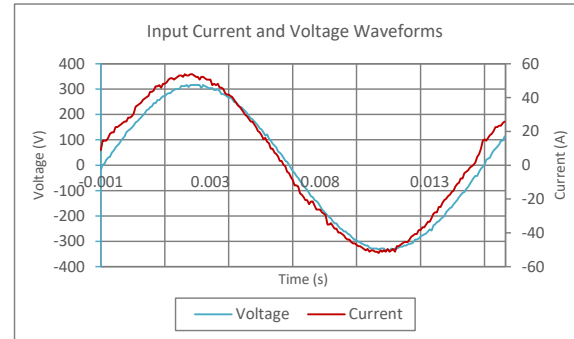
TYPICAL EFFICIENCY (50% Load):	94.53%
AVERAGE EFFICIENCY :	93.76%
80 PLUS COMPLIANT:	YES



ID Number	SO-1668
Manufacturer	Lite-On Technology Corp.
Model Number	PS-2162-15L
Serial Number	15L01X293059
Year	2020
Type	1U
Test Date	02/18/20

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

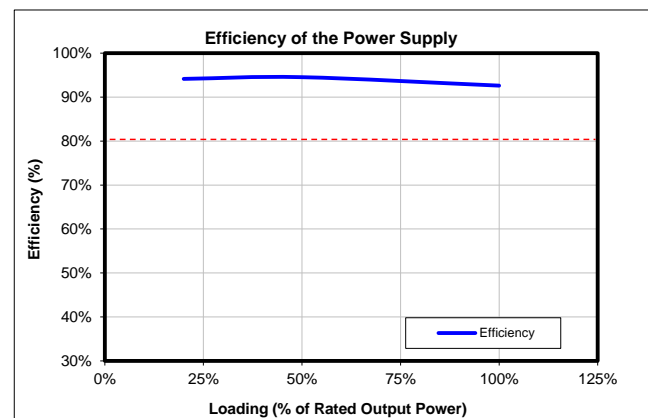
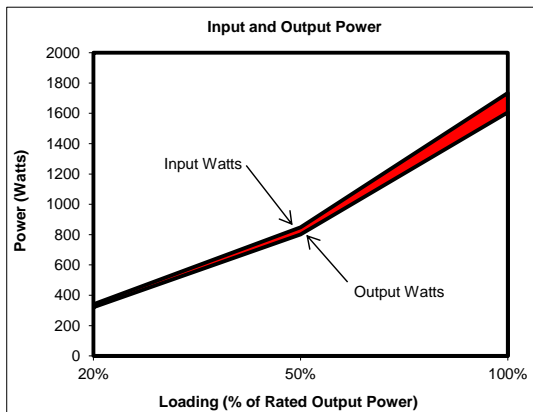
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 2.82%, 50% Load)

I _{RMS}	PF	I _{THD}	Load	Fraction of Load	Input Watts	External Fan (W)*	DC Terminal Voltage (V)/ DC Load Current (A)	Output Watts	Efficiency
							12.2V		
0.83	0.92	6.81%	10%	Low	177	0.72	12.2/13.15	160	90.52%
1.50	0.99	4.58%	20%	Light	341	0.84	12.2/26.29	321	94.14%
3.70	1.00	2.82%	50%	Typical	848	2.76	12.2/65.73	802	94.53%
7.56	1.00	1.51%	100%	Full	1735	15.03	12.22/131.45	1606	92.61%

* 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/>

