

80 PLUS Verification and Testing Report

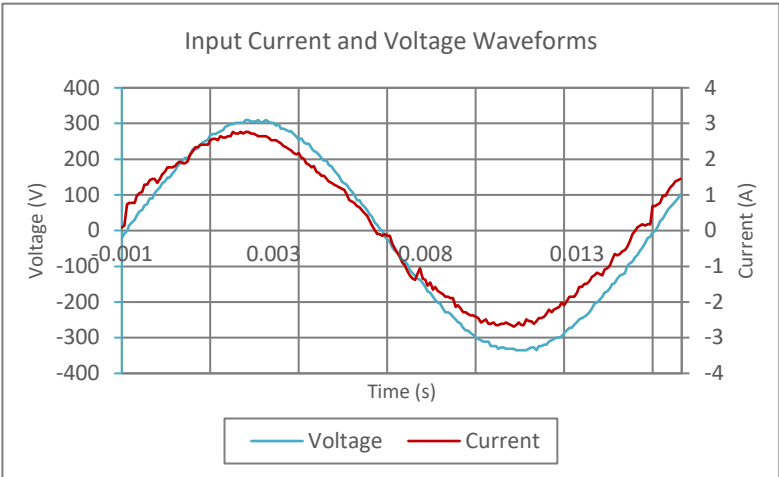
TYPICAL EFFICIENCY (50% Load):	94.44%
AVERAGE EFFICIENCY :	93.35%
80 PLUS COMPLIANT:	YES



ID Number	SO-1891.2
Manufacturer	Lite-On Technology Corporation
Model Number	PS-2801-21L2
Serial Number	6K21L01211024R
Year	2021
Type	1U
Test Date	05/04/21

Rated Specifications	Value	Units
Input Voltage	100-240	Volts
Input Current	10-4	Amps
Input Frequency	50/60	Hz
Rated Output Power	800	Watts

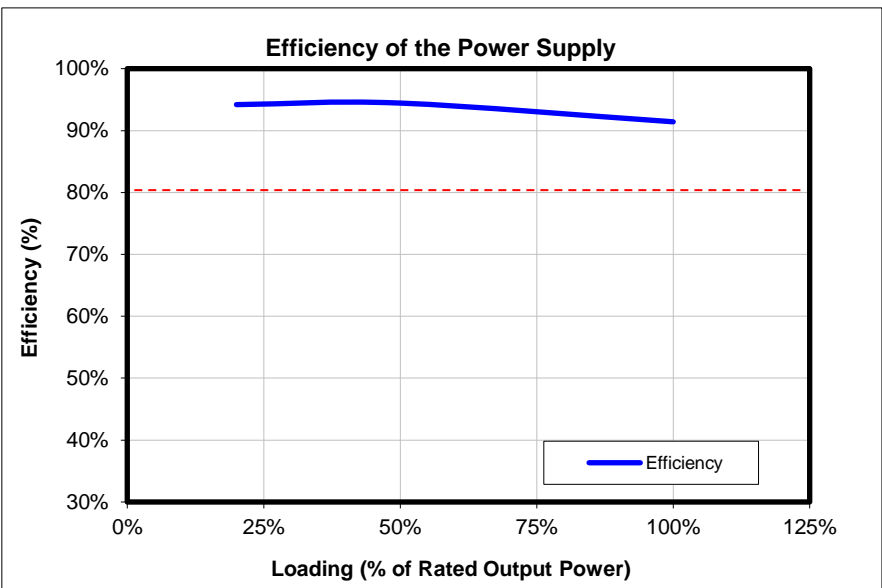
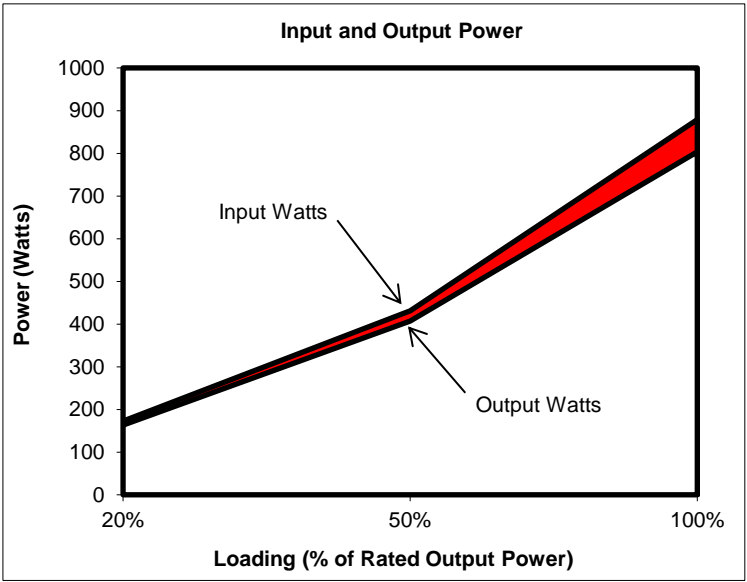
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.92%, 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
							12V	12Vsb		
0.41	0.94	10.67%	10%	Low	89	0.72	12.2/6.44	12.19/0.24	82	91.45%
0.77	0.98	4.92%	20%	Light	173	0.72	12.19/12.88	12.17/0.49	163	94.19%
1.89	0.99	3.92%	50%	Typical	431	0.96	12.18/32.19	12/1.22	407	94.44%
3.83	1.00	2.31%	100%	Full	879	5.88	12.03/64.39	11.88/2.45	804	91.41%

* 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/>