

80 PLUS Verification and Testing Report

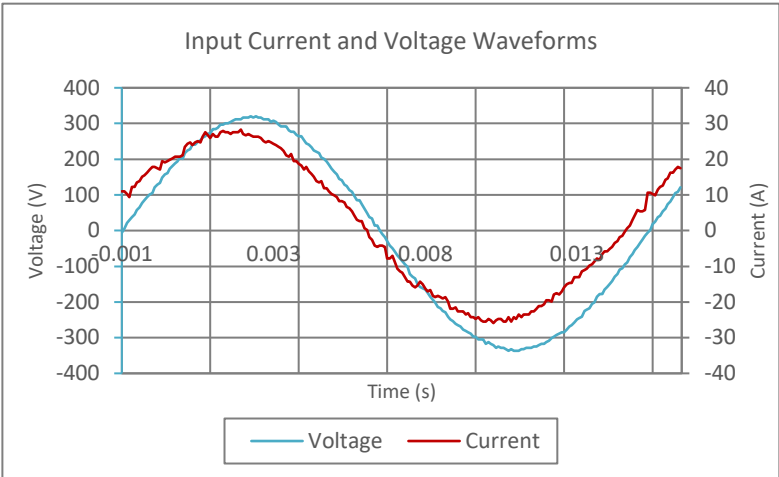
TYPICAL EFFICIENCY (50% Load):	95.18%
AVERAGE EFFICIENCY :	94.06%
80 PLUS COMPLIANT:	YES



ID Number	SO-1732.2
Manufacturer	Lite-on Technology Corporation
Model Number	PS-2801-22LR1
Serial Number	6K22RX12009249
Year	2020
Type	1U
Test Date	07/06/20

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

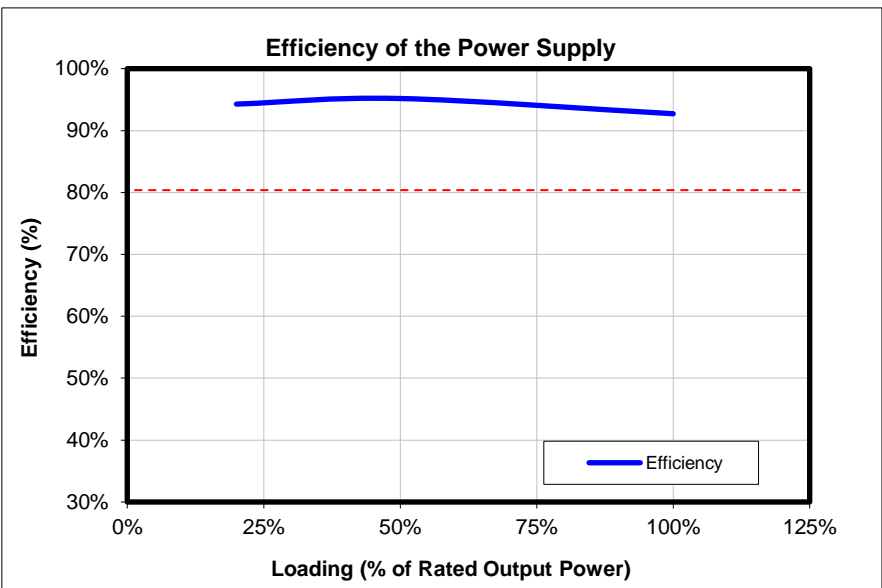
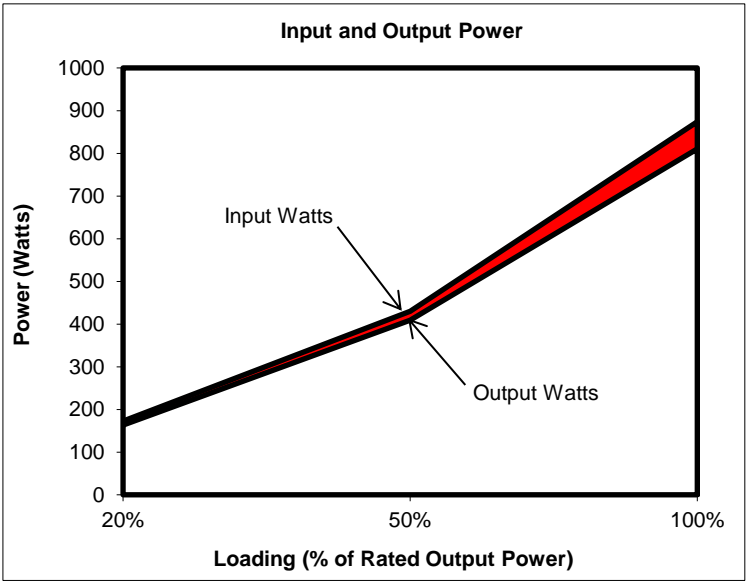
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.7%, 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		
0.43	0.91	10.76%	10%	Low	89	1.08	12.2/6.44	12.2/0.24	82	91.30%
0.78	0.97	5.74%	20%	Light	173	0.96	12.2/12.88	12.19/0.49	163	94.27%
1.89	0.99	3.70%	50%	Typical	430	1.20	12.26/32.19	12.12/1.22	409	95.18%
3.81	1.00	2.27%	100%	Full	874	12.96	12.13/64.39	12.05/2.45	810	92.72%

* 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/>