

# 80 PLUS Verification and Testing Report

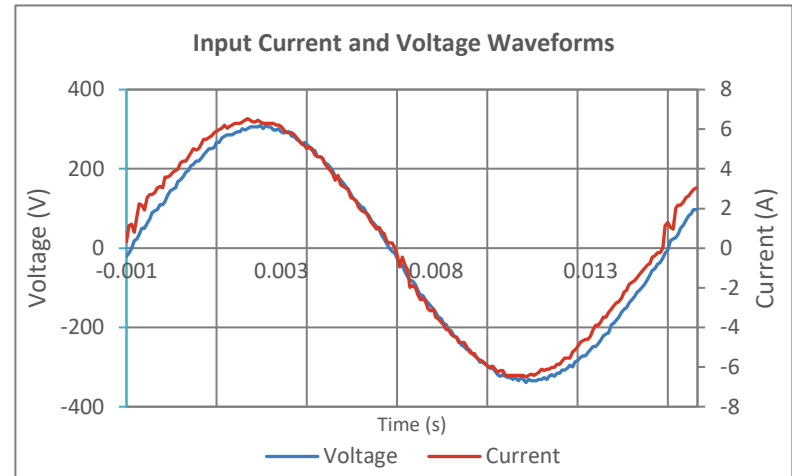
TYPICAL EFFICIENCY (50% Load):	96.22%
AVERAGE EFFICIENCY :	95.24%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2035.4
Manufacturer	Lite-On Technology Corporation
Model Number	PS-2202-8
Serial Number	6AAAAA01RRYWWSS
Year	2022
Type	1U
Test Date	05/25/22

Rated Specifications	Value	Units
Input Voltage	100-127/200-240	Volts
Input Current	12/10	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,000	Watts

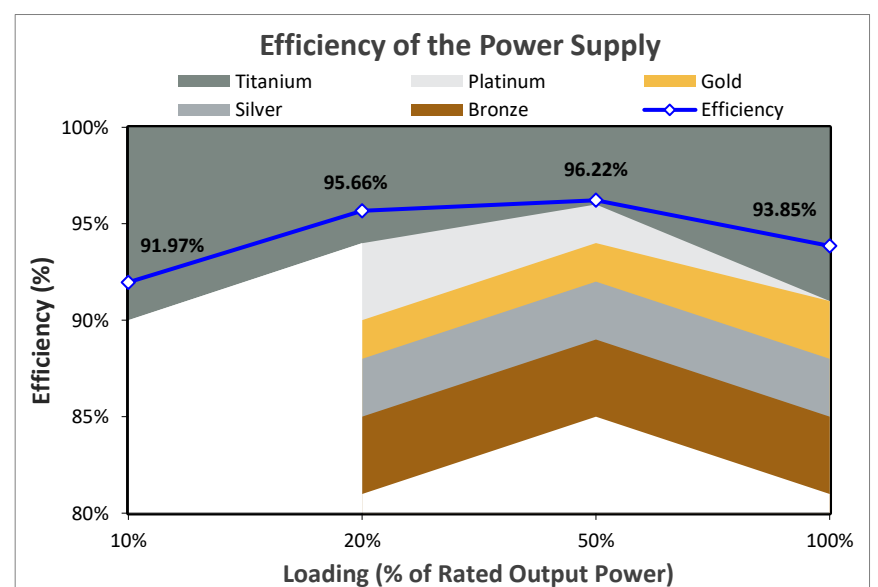
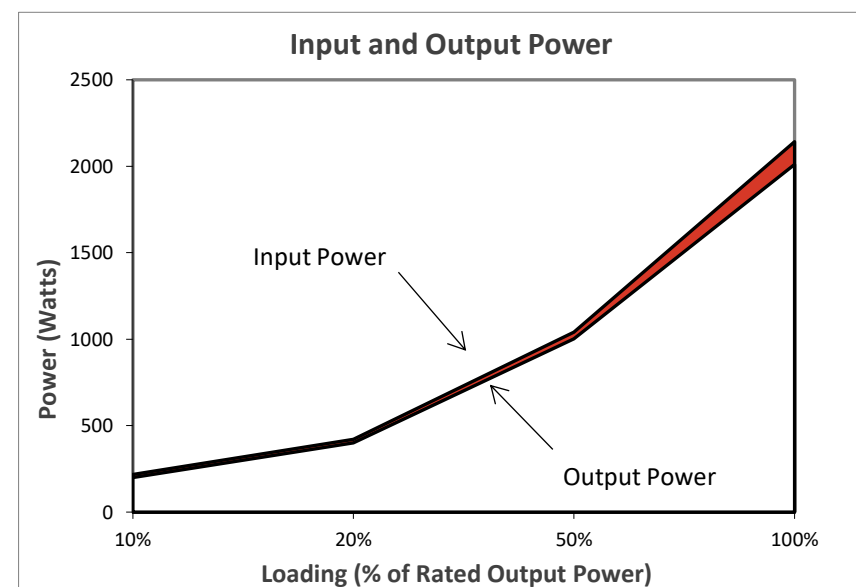
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.017%, 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	12Vsb		
0.997	0.9521	5.30%	10%	Low	218.25	0.96	12.2/16.15	12.18/0.3	200.72	91.97%
1.846	0.9883	3.33%	20%	Light	419.60	1.25	12.2/32.31	12.15/0.6	401.41	95.66%
4.545	0.9966	3.02%	50%	Typical	1041.60	6.07	12.19/80.77	12.07/1.48	1002.20	96.22%
9.327	0.9986	2.00%	100%	Full	2142.16	15.84	12.23/161.52	11.97/2.96	2010.46	93.85%

\* 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/>