

# 80 PLUS Verification and Testing Report

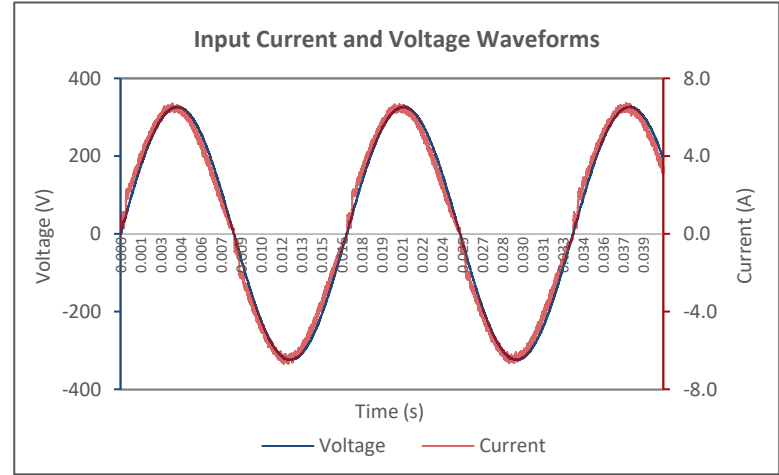
TYPICAL EFFICIENCY (50% Load):	96.27%
AVERAGE EFFICIENCY :	95.13%
80 PLUS COMPLIANT:	Titanium



ID Number	SO-2440
Manufacturer	Lite-On Technology Corporation
Model Number	PA-1202-5L7
Serial Number	8SSP57B68386L1DG42W224J
Type	1U
Test Date	05/30/24

Rated Specifications	Value	Units
Input Voltage	100-127/220-240	Volts
Input Current	11.4/10	Amps
Input Frequency	50/60	Hz
Rated Output Power	2,000	Watts

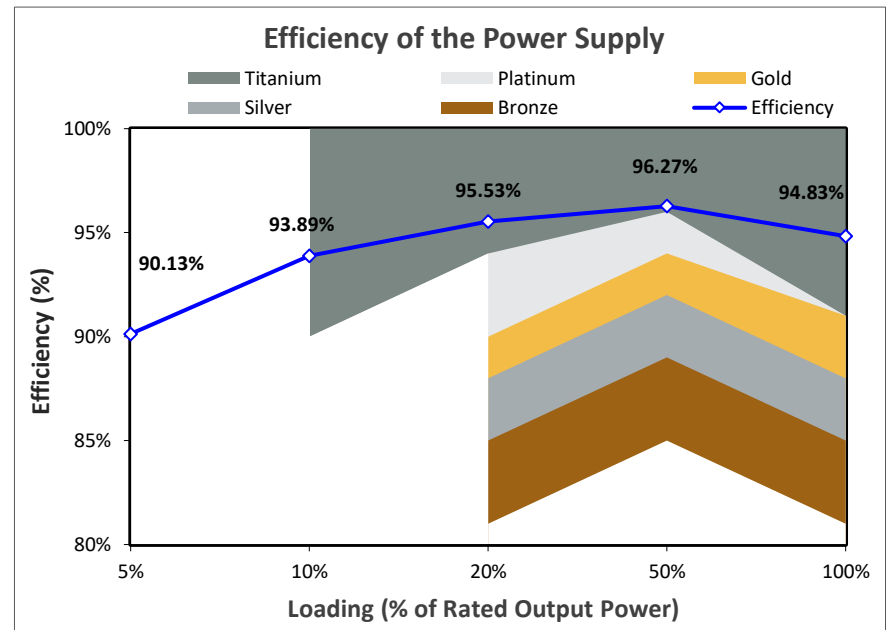
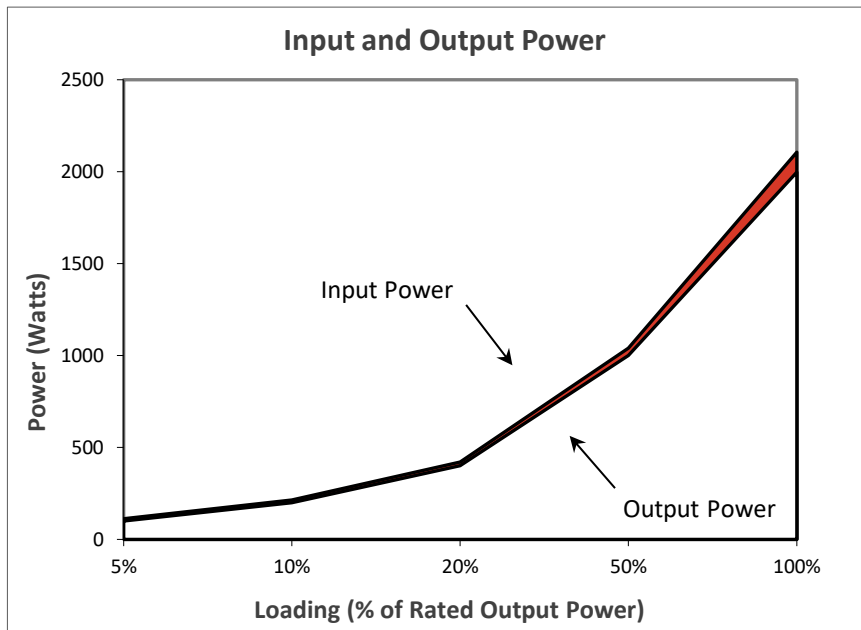
Note: All measurements were taken with input voltage at 230 V nominal and 60 Hz.



Input AC Current Waveform (ITHD = 3.6%, 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			
0.136	0.0978	16.367	0%	No-Load	3.06	0.65	No-Load			
0.563	<b>0.8634</b>	11.770	5%	Minimum	111.76	0.62	12.24/8.23		100.73	90.13%
0.970	<b>0.9566</b>	6.631	10%	Low	213.49	0.62	12.22/16.4		200.44	93.89%
1.843	<b>0.9898</b>	3.608	20%	Light	419.51	0.93	12.22/32.8		400.77	95.53%
4.541	<b>0.9955</b>	3.600	50%	Typical	1039.50	4.44	12.21/81.98		1000.76	96.27%
9.168	<b>0.9992</b>	2.178	100%	Full	2106.25	13.14	12.18/163.96		1997.36	94.83%

\* Fan power is not included in the efficiency calculations, external fan voltage applied = 12.02Vdc



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/>