

## Lenovo battery documentation

This document is intended to provide a battery test summary in accordance with sub-section 38.3. of manual of tests and criteria for specific batteries included in defined Lenovo products.

Lenovo Product:

Model	MT / MTM
T14 Intel	20S1 20S0
P14s	20S5 20S4

Batteries included in this product:

Battery description	Lenovo ASM Part Number	Lenovo FRU Part Number	Lenovo Model Name
Lithium Ion battery Option 1 (secondary)	SB10K97647	02DL009	L18M3P74
Lithium Ion battery Option 2 (secondary)	SB10K97646	02DL008	L18M3P73
Lithium Ion battery Option 3 (secondary)	SB10K97648	02DL010	L18C3P71
Lithium Ion battery Option 4 (secondary)	SB10K97645	02DL007	L18L3P73
Coin Cell (primary)	Coin Cell		

Signature with name and title of signatory as an indication of the validity of information provided:



Magnus Piotrowski

Senior Manager, EMEA Environmental,  
Social, Governance (ESG)

i.V.

Signature	Name	Title
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Geschäftsführung: Mirco Krebs  
Sitz der Gesellschaft: Stuttgart  
HRB-Nr.: 25189, AG Stuttgart  
WEEE-Reg.-Nr.: DE79679404  
Ust-ID-NR.: DE814271390

Institut: Citigroup Global Markets Deutschland AG & Co KGaA  
Swift: CITIDEFFXXX IBAN: DE34502109000214235005

Tel.: 0800-5511330

# Lenovo Lithium Battery Test Summary



## LITHIUM CELLS OR BATTERIES TEST SUMMARY IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

Creation data: 31<sup>st</sup> of July 2020

Version: 001

Product manufacturer`s contact information:

Lenovo (Deutschland) GmbH  
Meitnerstrasse 9  
70563 Stuttgart  
Germany

Phone Number: 0800 5511330

Email: [msds@lenovo.com](mailto:msds@lenovo.com)

Web: <https://www.lenovo.com/us/en/compliance/battery-info>

Please note that any phone number and email mentioned in this document are only for inquiries related to the lithium battery test summary. For other questions please contact our customer service or your local Lenovo representative.

<https://www.lenovo.com/>

Lithium Cells and/or batteries included into Lenovo products have been successfully tested and comply with UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3.

List of tests conducted and results (i.e., pass/fail):

PERFORMED TESTS			RESULTS
38.3.4.1	T1	Altitude Simulation	Pass
38.3.4.2	T2	Thermal Test	Pass
38.3.4.3	T3	Vibration	Pass
38.3.4.4	T4	Shock	Pass
38.3.4.5	T5	External Short Circuit	Pass
38.3.4.6	T6	Impact / Crush (if applicable)	Pass
38.3.4.7	T7	Overcharge (if applicable)	Pass
38.3.4.8	T8	Forced Discharge (if applicable)	Pass

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## Test laboratories

The UN 38.3 tests were performed by one of the following test laboratories according to defined edition of UN Manual of Tests and Criteria:

Battery	Address, phone number, email address and website	Edition of UN Manual of Tests and Criteria
Lithium Ion battery Option 1 (secondary)	Simplo No. 471 Pah Teh Rd Sec 2 Hu Kou, Hsinchu Hsien, 202 Taiwan Tel: +886-3-5695920 Email: <a href="mailto:test_Lab@simplo.com.tw">test_Lab@simplo.com.tw</a> Web: <a href="http://www.simplo.com.tw">www.simplo.com.tw</a>	Revision 6
Lithium Ion battery Option 2 (secondary)	Simplo No. 471 Pah Teh Rd Sec 2 Hu Kou, Hsinchu Hsien, 202 Taiwan Tel: +886-3-5695920 Email: <a href="mailto:test_Lab@simplo.com.tw">test_Lab@simplo.com.tw</a> Web: <a href="http://www.simplo.com.tw">www.simplo.com.tw</a>	Revision 6
Lithium Ion battery Option 3 (secondary)	CelExpert Hi-Tech Industrial Park 1111 Hanpu Rd Kun Shan, Jiangsu, 215315, China Tel: +86-512-57775999 Email: <a href="mailto:frank_gao@cn.celexpert.com">frank_gao@cn.celexpert.com</a> Web: <a href="http://www.celexpert.com.tw">www.celexpert.com.tw</a>	Revision 6 Amendment 1
Lithium Ion battery Option 4 (secondary)	LG Chem 128, Yeou-daero Yeongdeungpo-gu, Seoul, Korea Tel: 82-42-870-6195 Email: <a href="mailto:milkis@lgchem.com">milkis@lgchem.com</a> Web: <a href="http://www.lgchem.com">www.lgchem.com</a>	Revision 6
Coin Cell (primary)	Panasonic Corporation 1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan Telephone/ +81-6-6994-4560 e-mail <a href="mailto:un38.3_microbattery@ml.jp.panasonic.com">un38.3_microbattery@ml.jp.panasonic.com</a> URL <a href="https://www.panasonic.com/global/home.html">https://www.panasonic.com/global/home.html</a>	Revision 4

## Description of cell or battery

Physical description	Battery or Cell Model number	Unique test report identification number	Date of test report	Battery Voltage (V)	Wh rating or Lithium content(g)	Battery weight (g) Mass
Lithium Ion battery Option 1 (secondary)	SB10K97647	SLEU-1808005	2018-08-06	11.52	50.5 Wh	200
Lithium Ion battery Option 2 (secondary)	SB10K97646	SLEU-1808006	2019-11-29	11.52	50.45 Wh	200

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Lithium Ion battery Option 3 (secondary)	SB10K97648	CPK-QA-Lab-UN383PACK18030-A	2018-12-19	11.52	51/49 Wh	220
Lithium Ion battery Option 4 (secondary)	SB10K97645	QDI-180820-B-L18L3P73	2018-08-20	11.55	51 Wh	220
Coin Cell (primary)	Coin Cell	CR2032_UN38.3.pdf / CP0008-10	2008-08-05	3.0	0.07 g	2.9



#### Assembled Battery Testing Requirements:

Not Applicable

#### Supplier reports

Lenovo Part Number	Supplier summary attached*	Supplier summary weblink
SB10K97647	yes	<a href="https://static.lenovo.com/ww/docs/regulatory/msds/2019/SB10K97647_UN38.3.pdf">https://static.lenovo.com/ww/docs/regulatory/msds/2019/SB10K97647_UN38.3.pdf</a>
SB10K97646	yes	<a href="https://static.lenovo.com/ww/docs/regulatory/msds/SB10K97646_UN38.3.pdf">https://static.lenovo.com/ww/docs/regulatory/msds/SB10K97646_UN38.3.pdf</a>
SB10K97648	yes	<a href="https://static.lenovo.com/ww/docs/regulatory/SB10K97648_UN383.pdf">https://static.lenovo.com/ww/docs/regulatory/SB10K97648_UN383.pdf</a>
SB10K97645	yes	<a href="https://static.lenovo.com/ww/docs/regulatory/SB10K97645_UN38.3.pdf">https://static.lenovo.com/ww/docs/regulatory/SB10K97645_UN38.3.pdf</a>
Coin Cell	yes	<a href="https://static.lenovo.com/ww/docs/regulatory/msds/2019/CR2032_UN38.3.pdf">https://static.lenovo.com/ww/docs/regulatory/msds/2019/CR2032_UN38.3.pdf</a>

\*If "No" report can be requested via [msds@lenovo.com](mailto:msds@lenovo.com)

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