

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
T490s	20NX 20NY

Batteries included in this product:

Battery description	Lenovo ASM Part Number	Lenovo FRU Part Number	Lenovo Model Name
Lithium Ion battery Option 1 (secondary)	SB10K97651	02DL013	L18L3PD1
Lithium Ion battery Option 2 (secondary)	SB10K97652	02DL014	L18M3PD1
Lithium Ion battery Option 3 (secondary)	SB10K97653	02DL015	L18M3PD2
Lithium Ion battery Option 4 (secondary)	SB10K97654	02DL016	L18C3PD1
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: 31st 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

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)	LG Chem 128, Yeoui-daero Yeongdeungpo-gu, Seoul, Korea Tel: 82-42-870-6195 Email: milkis@lgchem.com Web: www.lgchem.com	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: test_Lab@simplo.com.tw Web: www.simplo.com.tw	Revision 6
Lithium Ion battery Option 3 (secondary)	Simplo No. 471 Pah Teh Rd Sec 2 Hu Kou, Hsinchu Hsien, 202 Taiwan Tel: +886-3-5695920 Email: test_Lab@simplo.com.tw Web: www.simplo.com.tw	Revision 6
Lithium Ion battery Option 4 (secondary)	CelExpert Hi-Tech Industrial Park 1111 Hanpu Rd Kun Shan, Jiangsu, 215315, China Tel: +86-512-57775999 Email: frank_gao@cn.celexpert.com Web: www.celexpert.com.tw	Revision 6 Amendment 1
Coin Cell (primary)	Panasonic Corporation 1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan Telephone/ +81-6-6994-4560 e-mail un38.3_microbattery@ml.jp.panasonic.com URL https://www.panasonic.com/global/home.html	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)	SB10K97651	QDI-180803-B-L18L3PD1	2018-08-03	11.58	57 Wh	247
Lithium Ion battery Option 2 (secondary)	SB10K97652	SLEU-1807006	2018-07-30	11.52	57 Wh	220

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Lithium Ion battery Option 3 (secondary)	SB10K97653	SLEU-1807005	2018-07-31	11.52	57 Wh	220
Lithium Ion battery Option 4 (secondary)	SB10K97654	CPK-QA-Lab-UN383PACK18029-A	2018-12-18	11.52	57/55 Wh	240
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
SB10K97651	yes	https://static.lenovo.com/ww/docs/regulatory/SB10K97651_UN38.3.pdf
SB10K97652	yes	https://static.lenovo.com/ww/docs/regulatory/msds/SB10K97652_UN38.3.pdf
SB10K97653	yes	https://static.lenovo.com/ww/docs/regulatory/msds/2019/SB10K97653_UN38.3.pdf
SB10K97654	yes	https://static.lenovo.com/ww/docs/regulatory/SB10K97654_UN383.pdf
Coin Cell	yes	https://static.lenovo.com/ww/docs/regulatory/msds/2019/CR2032_UN38.3.pdf

*If "No" report can be requested via msds@lenovo.com

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