

Lithium Battery Test Summary

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

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Google products' Lithium cells and batteries have been successfully tested and comply with UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3.

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

The UN 38.3 tests were performed by one of the following test houses and were tested to UN Manual and Test Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

<p>AnTek Certification Inc. 7F., No. 351, Yangguang St., Neihu District, Taipei City 114, Taiwan Tel: +02-8752-3779 Email: atc@atclab.com.tw  Website: www.atclab.com.tw </p>	<p>China Electronics Standardization Institute (CESI) Laboratory No. 8, TongJiNanLu, Yizhuang Economic & Technological Development Area, Beijing, China 100176 Tel: +010-64102186 Email: xiongxu@cesi-gz.org.cn Website: www.cesi.cn </p>
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<p>Guangzhou MCM Certification and Testing Co., Ltd 1 F No. 13, Zhong San Section, ShiGuang Road, Panyu District, Guangzhou City, Guangdong Province, China Tel: +0086-20-34777662 Email: mark.miao@mcmtek.com  Website: www.mcmtek.com </p>	<p>Korea Testing Laboratory 87, Digital-ro 26-gil, Guro-gu, Seoul, Korea Tel: +82-2-860-1415 Email: jgkim@ktl.re.kr Website: www.ktl.re.kr/eng </p>
<p>LG Chem, Ltd. 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Korea Tel: +82-42-870-6195 Email: milkis@lgchem.com  Website: www.lgchem.com </p>	<p>Panasonic Corporation 1-1,Matsushita-cho,Moriguchi,Osaka 570-8511 Japan Tel: +81-6-6994-4560 Email: un38.3_microbattery@ml.jp.panasonic.com Website: https://www.panasonic.com/global/home.html </p>
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<p>UL-CCIC Company Limited Guangzhou Branch Electronic Building, Parage Electronic Industrial Park, No. 8 Nanyun Er Road, Guangzhou Science Park, Guangzhou, China Tel: +86-20-3213 1000 Email: customerservice.cn@cn.ul.com Website: www.ul.com 🔗</p>	<p>Vkan Certification & Testing Co., Ltd. No.3,Tiantaiyi Road, Kaitai Avenue,Science City,Guangzhou, P. R. China Tel: +020-32293888 Email: office@cvc.org.cn Website: http://www.cvc.org.cn 🔗</p>

Product Test Information

Battery or Cell Model number	Physical description	Battery weight (g) Mass	Wh rating or Lithium content(g)	Test report number	Test report date
B2PW4100	Lithium ion single cell battery Pixel	41g	10.66 Wh	TW1605077-001 RTN-UN-1603-036	2016-06-03 2016-06-13
B2PW2100	Lithium ion single cell battery Pixel XL	45g	13.28 Wh	RTN-UN-1603-038 S-16050062	2016-06-13 2016-06-22
G011A-B	Lithium ion single cell battery Pixel 2	40g	10.39 Wh	RTN-UN-1702-014 S-17020117	2017-03-24 2017-04-10

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BL-T35	Lithium ion single cell battery Pixel 2 XL	54g	13.90 Wh	QDI-170613-SB-BL-T35 17-025793-03-1	2017-06-13 2017-06-13
G013A-B	Lithium ion single cell battery Pixel 3	41g	11.20 Wh	S18-B0348-1 S17-B1105-1 S18-B0347-1 S17-B1104-1 S-18050175 S-18050177	2018-04-04 2018-01-26 2018-04-04 2018-01-26 2018-06-11 2018-06-11
G013C-B	Lithium ion single cell battery Pixel 3 XL	47g	13.20 Wh	S18-B0349-1 S17-B1109-1 S18-B0350-1 S18-B0017-1 S-18010014 S-18010048	2018-04-04 2018-02-11 2018-04-04 2018-02-11 2018-01-17 2018-01-25
G020E-B	Lithium ion single cell battery Pixel 3a	44g	11.55 Wh	S18-B0783-1 S18-B0782-1 DGXND20180709U03	2018-08-02 2018-08-02 2018-07-27

G020A-B	Lithium ion single cell battery Pixel 3a XL	54g	14.24 Wh	S18-B0799-1 S18-B0800-1 S-18070059 S-18070056	2018-08-02 2018-08-02 2018-07-21 2018-07-21
G020I-B	Lithium ion single cell battery Pixel 4	40g	10.78 Wh	S-18120210 S-18120334 S-18-B1028-1	2019-01-03 2019-01-09 2019-09-27
G020J-B	Lithium ion single cell battery Pixel 4 XL	53g	14.24 Wh	S-18120272 S-18120274 S-19-B0029-1 S-19-B0028-1	2019-01-10 2019-01-10 2019-01-29 2019-01-29
A70	Lithium ion battery Pixel Slate	190g	48.29 Wh	GO-CU- 17-12-014	2017-12-25
C1552B A44	Lithium ion battery Pixel C	161g	34.2 Wh	RTN-UN-1407-029	2014-09-19
C1553B	Lithium ion single cell battery Pixel C Keyboard	3g	0.46 Wh	DOT-COC-P2015-REV5-16 DOT-COC-P2014-REV5-41 RTN-UN-1408-029	2015-03-20 2014-09-01 2014-09-19

A50	Lithium ion battery Pixelbook	181g	41.41 Wh	QDI-161226-B-A50 GO-CU- 17-03-006	2016-12-26 2017-03-20
B50 FHD	Lithium ion battery Pixelbook Go (Full HD)	193g	47.40 Wh	QU-CU- 18-06-001	2018-06-21
B50 UHD	Lithium ion battery Pixelbook Go (Ultra HD)	242g	56.70 Wh	QU-CU- 18-07-001	2018-07-12
318000800522	Lithium ion single cell battery Pixel Buds	5g	0.44 Wh	GO-CU- 17-09-003	2017-09-15
632235	Lithium ion single cell battery Pixel Buds charging case	11g	2.39 Wh	RTN-UN-1706-008	2017-07-06
CA491539P	Lithium ion single cell battery Daydream View controller (1st & 2nd Generation)	6g	0.85 Wh	GY20160516U01	2016-05-23
DMQ383539SA	Lithium ion single cell battery Google Clips	12g	2.58 Wh	LSPACK 2017-4-15-A	2017-05-11
P-752438	Lithium ion single cell battery Google Glass Enterprise 2	13g	3.08 Wh	RTN-UN-1807-005	2018-08-03

AHB301516TPC AHB301516TPA	Lithium ion single cell battery Jacquard Tag	2g	0.20 Wh	1119010010 UN14100701	2019-02- 27
GLIB18	Lithium ion battery Stadia	32g	7.6 Wh	S-18110099 S-18110101	2018-11- 29 2018-11- 27
284449	Lithium ion single cell battery Nest Thermostat, Nest Thermostat E	13g	2.1 Wh	1118010123	2018-02- 14
RQ	Lithium ion single cell battery Nest Hello	6g	1.14 Wh	S17-B0662	2017-10- 17
NESHQ19	Lithium ion single cell battery Nest Guard	50g	10.03 Wh	4788630191-1	2018-09- 03
A3GT2002H	Lithium ion single cell battery Nest Connect	22g	2.44 Wh	GO-CU- 17-09-001	2017-09- 15
CR2	Lithium metal single cell battery Nest Temperature Sensor	11g	<1g	RZUN2016-4115 RZUN2018-2733-M1	2017-01- 11 2019-01- 09

L91 FR6	Lithium metal single cell battery Nest Protect	15g	<1g	1109010407	2009-02-06
CR123 CR123A	Lithium metal single cell battery Nest Detect	17g	<1g	123:A:012018 123:F:092016 CP0015-13	2018-01-01 2016-09-21 2013-09-26
L91 FR6	Lithium metal single cell battery Nest Heat Link E	15g	<1g	1109010407	2009-02-06

Please note that the phone number and email listed on this page are only for inquiries related to the lithium battery test summary. For general customer service inquiries, please contact customer service directly.

Signature: 

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