



## UN 38.3 Test Summary Report

Lithium Cell or Battery Test Summary in Accordance with Section 2.9.4 UN Model Regulations and Sub-section 38.3 of the UN Manual of Tests and Criteria, Part III, sub-section 38.3.5

(a)  Cell  Battery  Product

Tested Type Part#: GLSY-P470-Li20

Same Type Part#: O8360

(b) Manufacturer:

GL Batteries Co., Ltd.

17F-3, No.176, Jian 1st Road, Zhong He Dist,  
New Taipei City 23553, Taiwan

E-mail: lily@glbatteries.com.tw

Tel: +886-2-8227 1989

(d) Unique report ID: S10819091620-001

(e) Report date: Sep. 16, 2019

(c) Test Laboratory:

GL Batteries Co., Ltd.

17F-3, No.176, Jian 1st Road, Zhong He Dist,  
New Taipei City 23553, Taiwan

E-mail: frances@glbatteries.com

Tel: +886-2-8227 1989

Website: www.glbatteries.com

Same Type Part Numbers (list all):

GLSY-P470-Li20 / GLSY-P470-LI / O8360

(f) (i)  Li-ion  Li-metal

(iv) Description: Rechargeable Li-ion Battery Pack

(ii) Mass: 0.040 kg

(iii)  Watt hour rating; or  Lithium content: Min. 7.18Wh / Typ. 7.55Wh

(v)  Cell  Battery  Product; Model number/Part number: GLSY-P470-Li20

(g) List of Tests Conducted

Result (Pass /  
Fail / N.A.)

Test record reference

T.1: Altitude simulation

Pass

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T.2: Thermal test

Pass

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T.3: Vibration

Pass

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T.4: Shock

Pass

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T.5: External short circuit

Pass

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T.6: Impact/Crush (cell only test)

Pass

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T.7: Overcharge (N.A. for Li-metal only)

Pass

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T.8: Forced discharge (cell only test)

Pass

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(h) Battery assembly:  Not applicable  UN38.3.3 (f)  UN38.3.3 (g)

(i) Test Reference: UN Manual of Tests and Criteria, Part III, sub-section 38.3. Edition: sixth revised

(j) Signature/Place/Date:

Name: Ying-Fen Wang

Title: Sales Manager

Signature:

Place, Date:

New Taipei City

**GL BATTERIES CO., LTD**

June 6, 2022