

## 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, subsection 38.3.5

[a] ☐ Cell ☒ Battery ☐ Product  
☒ **Tested Type Part # 70184 M**  
☒ **Same Type Part #:** see list

[b] **Manufacturer**  
 Saft Connected Energy Division  
 Saft SAS  
 Rue Georges Leclanché, BP1039  
 86000 Poitiers  
 T. +33 (0)5 49 55 48 48  
 Lithiumsales.fr@saftbatteries.com  
 https://www.saftbatteries.com

[d] Unique report ID: 1s1p MP144350 xlr-05-2018-6

[e] Report date: 2018.05.18

[c] **Test Laboratory**  
 Saft Connected Energy Division  
 Saft SAS  
 Rue Georges Leclanché, BP1039  
 86000 Poitiers  
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 Lithiumsales.fr@saftbatteries.com  
 https://www.saftbatteries.com

☒ **Same Type Part Numbers # (all):** 07442H 07621U, 08091V, 07838V, 07862U, 70123Y, 70149A, 08631K, 70436K, 70505D, 70523X, 70524Y

[f] (i) ☒ Li-ion ☐ Li-metal.

(iv) **Description:** Assembled from one prismatic MP 144350 xlr component cell with an electronic monitoring circuit as protection device.

(ii) Mass: 72g

(iii) ☒ Watt hour rating or ☐ Lithium content: 9.5Wh.

(v) ☐ Cell ☒ Battery ☐ Product. Model number/Part number: 1S1P MP 144350 xlr

| [g] List of Tests Conducted                      | Result (Pass / Fail / N.A.) | Test record reference |
|--------------------------------------------------|-----------------------------|-----------------------|
| 38.3.4.1 T.1: Altitude simulation                | Pass                        | T0324-17              |
| 38.3.4.2 T.2: Thermal test                       | Pass                        | T0324-17              |
| 38.3.4.3 T.3: Vibration                          | Pass                        | T0324-17              |
| 38.3.4.4 T.4: Shock                              | Pass                        | T0324-17              |
| 38.3.4.5 T.5: External short circuit             | Pass                        | T0324-17              |
| 38.3.4.6 T.6: Impact/Crush (cell only test)      | Pass                        | T0142-17              |
| 38.3.4.7 T.7: Overcharge (N.A for Li-metal only) | Pass                        | T0324-17              |
| 38.3.4.8 T.8: Forced discharge (cell only test)  | Pass                        | T0142-17              |

[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. 6th revised edition 2015

[j] Signatory A. Date: 2021-03-30

Name: Christophe SERRE

Title: Quality Mgr – C.E. Div- Poitiers site

Signature:



[j] Signatory B. Date: 2021-03-30

Name: Stéphane Bonneau

Title: Li-ion battery Technical Manager

Signature:

**Important!** The above signatory / signatories affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by Saft and, should Saft consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.