

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 # 70173A
 Same Type Part #: see list

[d] Unique report ID: MP144350 xlr-05-2018-3

[e] Report date: 2018.05.18

[b] **Manufacturer**
 Saft Civil Electronics Division
 Saft SAS
 Rue Georges Leclanché, BP1039
 86000 Poitiers
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 https://www.saftbatteries.com

[c] **Test Laboratory**
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Same Type Part Numbers # (all): 70242Y; 70308B

[f] (i) Li-ion Li-metal.

(iv) **Description:** Prismatic MP 144350 xlr component cell without electronic monitoring protection circuit.
1p MP144350 is equipped from one circuit that has no protection function

(ii) Mass: 66 g

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

(v) Cell Battery Product. Model number/Part number: MP 144350 xlr or 1p MP144350 xlr

[g] List of Tests Conducted **Result (Pass / Fail / N.A.)** **Test record reference**

| [g] List of Tests Conducted | Result (Pass / Fail / N.A.) | Test record reference |
|--|-----------------------------|-----------------------|
| 38.3.4.1 T.1: Altitude simulation | Pass | T0142-17 |
| 38.3.4.2 T.2: Thermal test | Pass | T0142-17 |
| 38.3.4.3 T.3: Vibration | Pass | T0142-17 |
| 38.3.4.4 T.4: Shock | Pass | T0142-17 |
| 38.3.4.5 T.5: External short circuit | Pass | T0142-17 |
| 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 | T0142-17 |
| 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: 2018.05.18

Name: Pascal Foucoin

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

Signature:




[j] Signatory B. Date: 2018.05.18

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.