

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 # 08681T
 Same Type Part # see list

[d] Unique report ID: 8S1P MP 176065 xlr 06-2020-1

[e] Report date: 2018.06.19

[b] **Manufacturer**
 Saft Connected Energy 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): 06706R

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

(iv) **Description:** Assembled from eight prismatic MP 176065 xlr cells in series with electronic monitoring circuit as protection device.

(ii) Mass: 1713 g

(iii) Watt hour rating or Lithium content: 198.6 Wh

(v) Cell Battery Product. Model number/Part number: 8S1P MP 176065 xlr hard case

[g] List of Tests Conducted	Result (Pass / Fail / N.A.)	Test record reference
38.3.4.1 T.1: Altitude simulation	Pass	T0246A18
38.3.4.2 T.2: Thermal test	Pass	T0246A18
38.3.4.3 T.3: Vibration	Pass	T0246A18
38.3.4.4 T.4: Shock	Pass	T0246A18
38.3.4.5 T.5: External short circuit	Pass	T0246A18
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	T0141A-17
38.3.4.7 T.7: Overcharge (N.A for Li-metal only)	Pass	T0246A18
38.3.4.8 T.8: Forced discharge (cell only test)	Pass	T0141A-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: 2020-06-15

Name: Christophe Serre

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

Signature:



[j] Signatory B. Date: 2020-06-15

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.