

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

- Cell Battery Product
 Tested Type Part # Jotron p/n 103169
 Same Type Part # see list

Unique report ID: 104751354LHD-001 Issue 1

Report date: 25.Oct 2021

Manufacturer

Jotron AS
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Test Laboratory

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Same Type Part Numbers # (all):

Jotron p/n 103170 Tron 60AIS with float free bracket.
Jotron p/n 103180 Tron 60AIS with manual bracket.
Jotron p/n 103570 Tron 60AIS SBM battery kit.

- Li-ion Li-metal.

Description: 8 Energizer L91 Lithium/Iron Disulphide (Li/Fes2) cells connected in 2S1P x 4 series arrangement to provide four independent outputs of 3.0V / 3500mAh.

Mass: 145 grams

- Watt hour rating or Lithium content: 1.96g x 4 = 7.84 g in total.
 Cell Battery Product. Model number/Part number: Jotron p/n 103169

[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	104751354LHD-001 Issue 1
38.3.4.2 T.2: Thermal test	Pass	104751354LHD-001 Issue 1
38.3.4.3 T.3: Vibration	Pass	104751354LHD-001 Issue 1
38.3.4.4 T.4: Shock	Pass	104751354LHD-001 Issue 1
38.3.4.5 T.5: External short circuit	Pass	104751354LHD-001 Issue 1
38.3.4.6 T.6: Impact/Crush (cell only test)	Pass	Energizer 1118120077
38.3.4.7 T.7: Overcharge (N.A for Li-metal only)	N/A	N/A
38.3.4.8 T.8: Forced discharge (cell only test)	Pass	Energizer 111812007

Battery assembly: Not Applicable. UN38.3.3 (f) UN38.3.3 (g)

Test Reference: UN Manual of Test and Criteria Ref: ST/SG/AC. 10/11 Rev 7:2019 Section 38.3

Date: 03. Feb.2022

Name: Jan Erik Sæter

Title: Product Manager, Maritime

Signature:



Important: The above signatory/signatories affirm that this document is a true and correct summary of the original Individual tests and test data. Please note that any counterfeit batteries using Jotron product name and/or Jotron p/n do NOT comply to this document!