

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 103929
 Same Type Part # see list

Unique report ID: 105454987LHD-001 Issue 1

Report date: 17.Aug.2023

Manufacturer

Jotron AS
Ringdalskogen 8, 3270 Larvik Norway
Tel: +47 33139700
Sales@jotron.com
www.jotron.com

Test Laboratory

Intertek House, Cleeve Road
Leatherhead, Surrey
KT22 7SB, United Kingdom
Phone; +44 1372 370900
adminsupport.ihd@intertek.com
www.intertek.com

Same Type Part Numbers # (all):

Jotron p/n 104500, Tron SA20 PLB
Jotron p/n 104500-XX, Tron SA20 PLB pre-programmed

- Li-ion Li-metal.

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

Mass: 142 grams

- Watt hour rating or Lithium content: 1.96g x 2 = 3.92 g in total.
 Cell Battery Product. Model number/Part number: Jotron p/n 103929

[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	105454987LHD-001 Issue 1
38.3.4.2 T.2: Thermal test	Pass	105454987LHD-001 Issue 1
38.3.4.3 T.3: Vibration	Pass	105454987LHD-001 Issue 1
38.3.4.4 T.4: Shock	Pass	105454987LHD-001 Issue 1
38.3.4.5 T.5: External short circuit	Pass	105454987LHD-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 Amd 1:2021 Section 38.3

Date: 19.Dec.2023

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!