UN 38.3 Test Summary Report

According to Section 2.9.4 UN Model Regulations and Subsection 38.3 of the UN Manual of Tests and Criteria, Part III, subsection 38.3.5

[a] ☐ Cell ☑ Battery **Tested Type:** FREEN-BSL-N **Part Number:** 2058600	**[d]** Unique report ID: 2026*0902-1 / 300162_0 **[e]** Date of test report: 2026-09-02
[b] Manufacturer FREEN OÜ 30328, Kohtla-Järve, Arenduse tn 6, Estonia T: +372 5374 1754 contact@freen.com https://freen.com	**[c] Test Laboratory** Ewvta, MB V. A. Graičiūno g. 32B, LT-02241 Vilnius Lithuania T: +37065285659 info@ewvta.lt http://www.ewvta.com
[f] (i) ☐ Lithium-ion ☐ Lithium-metal ☑ Sodium-ion ☐ Cell ☑ Battery Physical description: Part Number #: 2058600 50.0V, 7.5 kWh Rechargeable Sodium Ion battery Dimensions: 300 x 520 x 470 mm Mass: 108.6 kg Watthour rating: 7.5 kWh	

Our batteries/products are manufactured according to a Quality-Management-System.
For further information visit our website.

[g] List of Tests Conducted	**Result (Pass / Fail / N.A.)**	**Remark**
38.3.4.1 Test T.1: Altitude simulation	Pass	
38.3.4.2 Test T.2: Thermal test	Pass	
38.3.4.3 Test T.3: Vibration	Pass	
38.3.4.4 Test T.4: Shock	Pass	
38.3.4.5 Test T.5: External short circuit	Pass	
38.3.4.6 Test T.6: Impact/Crush	N.A.	
38.3.4.7 Test T.7: Overcharge	Pass	
38.3.4.8 Test T.8: Forced discharge	N.A.	

[i] Test Reference: UN Manual of Test and Criteria, Part III, subsection 38.3 ST/SG/AC.10/11/Rev.8

Important: The below 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 FREEN OÜ and, should FREEN OÜ consider this request is with merit, may be subject to the prior execution of a non-disclosure agreement.

[j] Date: 2026-09-03
Name: Gregory Levkovets
Title: CEO

Gregory Levkovets Digitally signed by Gregory Levkovets
Date: 2026.10.13 10:26:12 +03'00'