

DECLARATION OF UN TESTS RESULTS

We, as the manufacturer of the following lithium-ion battery pack type:

- 10S4P UR 18650RX + BMS – capacity – 7,8 Ah; nominal voltage – 36,0 V; nominal energy 280,8 Wh;

hereby confirm that the battery pack has successfully passed the following tests executed in the independent, accredited laboratory, according to the document ST/SG/AC.10/11/Rev.5/Amend.1, UN Manual of Tests and Criteria, Part III, sub-section 38.3 Lithium metal and lithium ion batteries.

No	Test	Test method acc. to	Requirements acc. to	Result
1	T.1 Altitude Simulation	UN Section 38.3 clause 38.3.4.1.2	UN Section 38.3 clause 38.3.4.1.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
2	T.2 Thermal Test	UN Section 38.3 clause 38.3.4.2.2	UN Section 38.3 clause 38.3.4.2.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
3	T.3 Vibration	UN Section 38.3 clause 38.3.4.3.2	UN Section 38.3 clause 38.3.4.3.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
4	T.4 Shock	UN Section 38.3 clause 38.3.4.4.2	UN Section 38.3 clause 38.3.4.4.3 No mass loss, no leakage, no venting, no disassembly, no rupture, and no fire. OCV is not less than 90% of its voltage before testing.	passed
5	T.5 External Short Circuit	UN Section 38.3 clause 38.3.4.5.2	UN Section 38.3 clause 38.3.4.5.3 External temperature should not exceed 170°C. No disassembly, no rupture, and no fire within six hours after this test	passed
6	T.7 Overcharge	UN Section 38.3 clause 38.3.4.7.2	UN Section 38.3 clause 38.3.4.7.3 No disassembly, and no fire within seven days after this test	passed

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