

**Lithium cell or battery test summary in accordance with sub-section 38.3 of UN Manual of Tests and Criteria**



**Manufacturer's identification:**

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**Testing laboratory:**

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**Test report number.** ..... : UN-4791947391-A-1  
**Test report date** ..... : 2025-11-28  
**Edition of UN Manual of Tests and Criteria used** ..... : ST/SG/AC.10/11/Rev.8, Manual of Tests and Criteria, Revision 8, Issue Date 11/2023

**Test item:**  cell /  battery /  product  
**Physical description**..... : Small, 10S2P Li-Ion ion secondary battery with plastic housing and protection circuit (equipped with 20 cells type 50U / CC5003F102 made by Samsung SDI previously tested under UN 38.3)  
**Chemistry and type** ..... :  lithium metal /  lithium ion  primary /  secondary  
**Mass**..... : 2.0 kg  
**Lithium content (for lithium metal)**..... : N/A  
**Wh rating (for lithium ion)**..... : 360 Wh  
**Cell configuration (X-S/Y-P)** ..... : 10-S/2-P  
**Model / type reference**..... : 40-B360X  
**Ratings**..... : 36V, 10Ah

**List of tests conducted and results:** (Pass, Fail, or N/A - not applicable)

**T.1: Altitude simulation** ..... : Pass  
**T.2: Thermal test** ..... : Pass  
**T.3: Vibration** ..... : Pass  
**T.4: Shock** ..... : Pass  
**T.5: External short circuit** ..... : Pass  
**T.6:  Impact /  Crush** ..... : N/A (only applicable to cells)  
**T.7: Overcharge**..... : Pass  
**T.8: Forced discharge**..... : N/A (only applicable to cells)  
**Remarks** ..... : N/A  
**Assembled battery testing**..... :  UN 38.3.3 (f) /  UN 38.3.3 (g) /  N/A

<b>Test summary date</b> .....	2025-11-28	
<b>Test summary by (name + title + signature)</b> .....	Michał Siudowski Senior Project Engineer	
<b>Approved by (name + title + signature)</b> .....	Robert Dmitruk Senior Project Engineer	