

**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..... : 4790208072.9
Test report date..... : 2022-04-14
**Edition of UN Manual of Tests and
 Criteria used**..... : ST/SG/AC.10/11/Rev.7

Test item: cell / battery / product
Physical description..... : Small, 10S1P Li-ion secondary battery with plastic housing and
 protection circuit.
Chemistry and type : lithium metal / lithium ion primary / secondary
Mass..... : 0.7 kg
Lithium content (for lithium metal) ... : N/A
Wh rating (for lithium ion)..... : 108 Wh
Cell configuration (X-S/Y-P)..... : 10-S/1-P
Model / type reference..... : F3020 Battery: L100B 10INR19/66 (ARTS Energy P/N: 809045M)
Ratings..... : 36 V, 3 Ah

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..... : Rechargeable battery composed of previously tested cells
Assembled battery testing..... : UN 38.3.3 (f) / UN 38.3.3 (g) / N/A

Test summary date	2022-04-14	
Test summary by (name + title + signature)	Sebastian Cichocki (Senior Project Engineer)	<i>Sebastian Cichocki</i>
Approved by (name + title + signature)	Robert Dmitruk (Senior Project Engineer)	<i>Robert Dmitruk</i>