

**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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Test report number..... : 4789598884-20201203-S00
Test report date..... : 2020-12-03
**Edition of UN Manual of Tests and
Criteria used**..... : Seventh revised edition, Part III, Sub-section 38.3

Test item: cell / battery / product
Physical description..... :
Chemistry and type : lithium metal / lithium ion primary / secondary
Mass..... : 41.00 Kg
Lithium content (for lithium metal) ... : N/A
Wh rating (for lithium ion)..... : 5.50 kWh
Cell configuration (X-S/Y-P)..... : 14S/22P
Model / type reference..... : S00
Ratings..... : 50.80 Vdc, 108.00 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..... :
Assembled battery testing..... : UN 38.3.3 (f) / UN 38.3.3 (g) / N/A

Test summary date : 2020-12-03

Test summary by (name + title + signature)	Tareq Mousa (Engineer)	
Approved by (name + title + signature)	Benjamin Liu (Senior project engineer)	