

LITHIUM CELL TEST SUMMARY AND SUPPLIER INQUIRY

IN ACCORDANCE WITH SUB-SECTION 38.3
OF MANUAL OF TESTS AND CRITERIA

N/A = Not Applicable

1. Name/Description of cell
LiSOCL2 Battery ER14250

2. Manufacturer of cell	
Name	Anhui Liya Battery Co Ltd
Address	No.7 Building, Electronic Incubator Park, Hongye Road, Susong County, Anhui
Phone	
Email	sales01@niyabatteries.com
Website	www.niyabatteries.com

2a. Manufacturer of the equipment (if the cell is contained in equipment)	
Name	
Address	
Phone	
Email	
Website	

3. Test laboratory of cell	
Name	Anhui Liya Battery Co Ltd
Address	No.7 Building, Electronic Incubator Park, Hongye Road, Susong County, Anhui
Phone	
Email	sales01@niyabatteries.com
Website	www.niyabatteries.com

4. ID-number and date			
Unique test report identification number	NY20241106590846D-1	Date of test report	Nov 06, 2024

DESCRIPTION OF CELL

5. Mark the type of cell with an "X"	
☒ Lithium ion cell	☐ Lithium metal cell

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Name/Description of cell (taken from field 1)
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6. Parameters	Cell
Mass in gram (g):	10
Lithium ion: Indicate watt-hour rating (Wh):	
Lithium metal: Indicate lithium metal content in gram (g):	0.38

7. Physical description of cell
3.6V 1200mAh

8. Model numbers
ER14250

TESTS AND RESULTS

9. List of tests conducted and results - Mark N/A, pass or fail with an " " "	N/A	pass	fail
T1 - Altitude simulation	☐	☐	☐
T2 - Thermal Test	☐	☐	☐
T3 - Vibration	☐	☐	☐
T4 - Shock	☐	☐	☐
T5 - External Short Circuit	☐	☐	☐
T6 - Impact - for cylindrical cells having a diameter of at least 18 mm	☐	☐	☐
T6 - Crush - for prismatic cells, pouch cells, button cells and cylindrical cells having a diameter of less than 18 mm	☐	☐	☐
T7 - Overcharge	☐	☐	☐
T8 - Forced Discharge	☐	☐	☐
	☐	☐	☐
	☐	☐	☐

10. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto
Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.7/Amend.1 Part III sub-section 38.3)

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ADDITIONAL SUPPLIER INQUIRY

11. Quality management system for manufacturing cells Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations?	☒	YES	☐	NO
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12. Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium metal cell: more than 1 g Lithium	☐	YES	☐	NO
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Checkpoint 13 – 15 need to be answered when 12 has been ticked “YES”:				
13. Does each cell incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?	☐	YES	☐	NO
14. Is each cell equipped with an effective means of preventing external short circuits?	☒	YES	☐	NO
15. Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous reverse current ow (e.g. diodes, fuses, etc.)	Not relevant for cells			☐

16. Only in air transport: State of Charge (SoC) for UN 3480 Lithium ion cells and lithium polymer cells				
State of Charge (SoC) max. 30 %	☒	N/A	☐	YES
			☐	NO

CELLS INSTALLED IN EQUIPMENT

17. Check point 17 needs to be answered when the cells are installed in articles:				
17.a) Only button cells enclosed?	☐	YES	☐	NO
17.b) Number of enclosed cells (other than button cells) per equipment				
When the equipment is intentionally active/switched on during transport e.g. data loggers:				
17.c) Confirmation that no dangerous amount of heat is emitted from the equipment	☐	N/A	☐	YES
			☐	NO
17.d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160	☐	N/A	☐	YES
			☐	NO

18. Place, Date Anhui Nov 6, 2024	19. Title, Surname, First name Yihu Yu	20. Company stamp and signature <i>For and on behalf of</i> Anhui Liya Battery Co Limited 安徽里亚电池有限公司 <i>Justin</i> Authorized signature(s)
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