

LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

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

N/A = Not Applicable

1. Name of cell / battery
Li-ion battery 14500

2. Manufacturer of cell / battery	
Name	Shantou Jinglongjie Electronics Co., LTD
Address	F/3, No.2, Factory, Shatianpian Industrial Park West, Chenghua Industrial District, Chenghai District, Sahntou City
Phone	+86 754 85836803
Email	2928685845@qq.com
Website	www.jinlongjie.cn

3. Test laboratory of cell / battery	
Name	Shenzhen LCS Compliance Testing Laboratory Ltd.
Address	Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Phone	+86 0755-8259 1330
Email	webmaster@lcs-cert.com
Website	www.lcs-cert.com

4. ID-number and date			
Unique test report identification number	LCS211116015ASA	Date of test report	2021.11.29

DESCRIPTION OF CELL / BATTERY

5. Mark the type of cell/battery with an "•"			
<input type="radio"/>	Lithium ion cell	Lithium metal cell	<input type="radio"/>
<input checked="" type="radio"/>	Lithium ion battery	Lithium metal battery	<input type="radio"/>
<input type="radio"/>	Lithium hybrid battery		

6. Parameters	Cell	Battery
Mass in gram (g):		16,9
Lithium ion: Indicate watt-hour rating (Wh):		1,85
Lithium metal: Indicate lithium metal content in gram (g):		
Lithium hybrid: Indicate lithium metal content in gram (g) and watt-hour rating (Wh):		g
		Wh

LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

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

Name of cell/battery (taken from field 1)

Li-ion battery 14500

7. Physical description of cell / battery

Prismatic and green

8. Model numbers

24666 Light Rider

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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T2 - Thermal Test	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T3 - Vibration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T4 - Shock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T5 - External Short Circuit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T6 - Impact / Crush	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T7 - Overcharge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
T8 - Forced Discharge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
for all above	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10. Reference to assembled battery testing requirements

N/A

11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto

LITHIUM CELL/BATTERY TEST SUMMARY AND SUPPLIER INQUIRY

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

Name of cell/battery (taken from field 1)

Li-ion battery 14500

ADDITIONAL SUPPLIER INQUIRY

12. Quality management system for manufacturing cells / batteries Does the manufacturer of the cell/battery manufacture the products based on a documented quality management system according to transport regulations?	<input checked="" type="radio"/>	YES	NO	<input type="radio"/>
--	----------------------------------	-----	----	-----------------------

13. Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium ion battery: more than 100 Wh Lithium metal cell: more than 1 g Lithium Lithium metal battery: more than 2 g Lithium Lithium hybrid Battery: more than 1,5 g Lithium and/or more than 10 Wh	<input type="radio"/>	YES	NO	<input checked="" type="radio"/>
--	-----------------------	-----	----	----------------------------------

Check point 14 – 16 need to be answered when 13 has been ticked "YES":

14. Does each cell / battery incorporates a safety venting device or is designed to preclude a violent rupture under normal conditions of carriage?	<input type="radio"/>	YES	NO	<input type="radio"/>
--	-----------------------	-----	----	-----------------------

15. Is each cell / battery equipped with an effective means of preventing external short circuits?	<input type="radio"/>	YES	NO	<input type="radio"/>
---	-----------------------	-----	----	-----------------------

16. Is each battery containing cells or series of cells connected in parallel equipped with effective means as necessary to prevent dangerous reverse current flow (e.g. diodes, fuses, etc.)?	<input type="radio"/>	N/A	<input type="radio"/>	YES	NO	<input type="radio"/>
---	-----------------------	-----	-----------------------	-----	----	-----------------------

17. Only in air transport: State of Charge (SoC) for UN 3480 Lithium ion cells/batteries and lithium polymer cells/batteries

State of Charge (SoC) max. 30 %	<input type="radio"/>	YES	NO	<input type="radio"/>
---------------------------------	-----------------------	-----	----	-----------------------

CELLS/BATTERIES INSTALLED IN EQUIPMENT

18. Check point 18 needs to be answered when the cells / batteries are installed in articles:

18.a) Only button cells enclosed?	<input type="radio"/>	YES	NO	<input checked="" type="radio"/>
--	-----------------------	-----	----	----------------------------------

18.b) Number of enclosed cells (other than button cells)/batteries per equipment

Enclosed cells per equipment	Enclosed batteries per equipment	1
------------------------------	----------------------------------	---

When the equipment is intentionally active/switched on during transport e.g. data loggers:

18.c) Confirmation that no dangerous amount of heat is emitted from the equipment	<input checked="" type="radio"/>	N/A	<input type="radio"/>	YES	NO	<input type="radio"/>
--	----------------------------------	-----	-----------------------	-----	----	-----------------------

18.d) Confirmation that the equipment when transported by air fulfills the defined air transport standards for electromagnetic radiation according to DO-160	<input checked="" type="radio"/>	N/A	<input type="radio"/>	YES	NO	<input type="radio"/>
---	----------------------------------	-----	-----------------------	-----	----	-----------------------

19. Place, Date	20. Title, Surname, First name	21. Company stamp and signature
Bünde, 2022.07.15	Schreiber, Christian Product Safety & Quality Assurance	