

TEST SUMMARY LITHIUM CELLS & BATTERIES

Sub-Section 38.3 of the UN Manual of Tests and Criteria

This test summary concerns the following article/s:

* = mandatory field

Article description*:
Lithium-Ionen-Akku ED07027 ZZ5201004 36V 10,4Ah 374,4Wh (EP1020819)
EAN Code*:
4250845944625

1. Name/description of the cell or the battery*
Zündapp Z510 / Z517 / Green 2.7 / Green 3.7 Greenway battery

1a. (for batteries only:)* name/description of cells inside the battery
044CE26CABC321A851006932 3,6V 2600mAh 9,36Wh

The test summary of the cells inside the battery must either be presented or under checkpoints 9 and 9a it must be confirmed that the UN 38.3 test summary for the cells is available.

2. Manufacturer of cell/battery or, if contained in the article (built-in), name the article's manufacturer:	
Name*	Guangdong Greenway Technology Co., Ltd
Address*	Tongui Road, Dongcheng Science Park, Dongguan, China
Phone*	(+86)769 27282088
Email*	info@greenway-battery.com
Website*	www.greenway-battery.com

3. Test laboratory	
Name*	Guangdong JTL CO., Ltd.
Address*	Lianding Testing Building, No. 18 Center Road of Yayuan Industrial Zone, Nancheng District, Dongguan, Guangdong, China
Phone*	+86-769-27282088
Email*	inquiry@ptc-testing.com
Website*	www.ptc-testing.com

Lot no. in sum

4. Test Summary ID			
Unique test report identification no. *	PNS21012629 09001	Date of test report*	30.01.2021

5. type of cell or battery			
<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		

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Name/description of cell/battery

ED07027

6. Parameters	battery/cell
Mass in gramm (g)*:	2200 / 55
(only for lithium ion & lithium hybrid:)* indicate watt-hour rating (Wh):	374,4 / 9,36
(only for lithium metal & lithium hybrid:)* indicate lithium metal content in gram (g):	

7. Physical description of cell/battery*
Li-NMC (LiNixCoyMnzO2)

8. Model numbers*
Art.-Nr. (Pentagon Sales): ED07027 Art.-Nr. (Leader): EP1020819 Artikel-ID (Pentagon Sales): 812530 Ident-Nr. (Greenway): ZZ5201004 GTIN (Pentagon Sales): 4250845944625

TESTS AND RESULTS

9. List of tests conducted and results mark ,N/A'(not applicable), ,pass' oder ,fail' with "●"	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, only valid for cells, see check point 1a and 9a		⊗	

9a. Only for batteries*: UN 38.3 Test Confirmation for the Cells inside the battery Required only, if no separate document for the cells is provided: This confirms that the cells inside the battery have successfully passed the UN 38.3 test.	⊗	Cell UN 38.3 Test confirmed	Cell UN 38.3 Test NOT confirmed
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Name/description of cell (taken from field 1)

ED07027

10. Only for batteries*: Reference to assembled battery testing requirements		
UN Manual of Tests and Criteria Section ST/SG/AC. 10/11/Rev. 5/Amend. 1 38.3 Test T. 1 - T. 8	N/A	

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

ADDITIONAL INFORMATION

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	
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13. Only for cells*: Are the following parameters exceeded? Lithium ion cell: more than 20 Wh Lithium metal cell: more than 1 g lithium		YES	NO	<input checked="" type="radio"/>
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14. Only for batteries*: Are the following parameters exceeded? Lithium ion battery: more than 100 Wh Lithium metal battery: more than 2 g lithium Lithium hybrid battery: more than 1.5 g lithium and/or more than 10 Wh	<input checked="" type="radio"/>	YES	NO	
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15. State the article's UN number for transportation (hazardous material)	
UN 3480	

16. Place, Date Ellwangen, 16.07.27	17. Surname, First Name	18. Supplier's company stamp and signature
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