

LITHIUM CELL/BATTERY TEST SUMMARY

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



N/A = Not Applicable

1. Name of cell / battery

Standard 1S2P 3,6V 5200mAh with Safetyboard

2. Manufacturer of cell / battery / product

| | |
|---------|------------------------------------|
| Name | Ansmann AG |
| Address | Industriestr. 10, 97959 Assamstadt |
| Phone | +49 6294 4204-0 |
| Email | info@ansmann.de |
| Website | www.ansmann.de |

3. Test laboratory of cell / battery / product

| | |
|---------|------------------------------------|
| Name | Ansmann AG Testzentrum |
| Address | Industriestr. 10, 97959 Assamstadt |
| Phone | +49 6294 4204-0 |
| Email | info@ansmann.de |
| Website | www.ansmann.de |

4. ID-number and date

| | | | |
|--|--------------|---------------------|------------|
| Unique test report identification number | TZ_000187_UN | Date of test report | 25.04.2019 |
|--|--------------|---------------------|------------|

DESCRIPTION OF CELL / BATTERY

5. Mark the type of cell/battery with an "•"

| | |
|--|---|
| <input type="radio"/> Lithium ion cell | <input type="radio"/> Lithium metal cell |
| <input checked="" type="radio"/> Lithium ion battery | <input type="radio"/> Lithium metal battery |

6. Parameters

| | Cell | Battery |
|--|------|---------|
| Mass in gram (g): | | 92,26 |
| Lithium ion: Indicate watt-hour rating (Wh): | | 18,72 |
| Lithium metal: Indicate lithium metal content in gram (g): | | 1,82 |

7. Physical description of cell / battery

Lithium

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|--|
| Name of cell/battery (taken from field 1) |
| Standard 1S2P 3,6V 5200mAh with Safetyboard |

| |
|-----------------------------|
| 8. Model numbers |
| 2447-3033-02; 2447-3033-202 |

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

| | | |
|---|-----|----------------------|
| 10. Reference to assembled battery testing requirements | | |
| Information UN-Test Cell: UN Test Manual of Test and Criteria ST/SG/AC.10/11/Rev.5A2 UN38.3 ID-number and date QAE-EF02-1508424-CY18650M26 24.08.2015 | N/A | <input type="text"/> |

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|--|
| 11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto |
| ST-SG-AC10-11-Rev6-38.3-Amend.1 |

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|---|
| 12. The manufacture of the cell / battery is in accordance with the documented quality management system as required by the regulations. |
|---|

| 13. Place, Date | 14. Title, Surname, First name | 15. Company stamp and signature |
|-----------------------|--------------------------------|---|
| Assamstadt 24.10.2019 | Adrian Selke | Selke, Adrian <small>Digital unterschrieben von Selke, Adrian Datum: 2019.10.24 17:29:00 +02'00'</small> |