

# 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

Rechargeable Li-Ion Cylindrical Battery, YC18650-3726, 1S1P 3.7V 2600mAh 9.62Wh

## 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    | Shanghai Institute of Chemical Industry Testing Centre |
| Address | No.345, Yunling East Road, Shanghai, China             |
| Phone   | 021-31765555                                           |
| Email   | battery@ghs.cn                                         |
| Website | http://www.ghs.cn                                      |

## 4. ID-number and date

|                                          |            |                     |            |
|------------------------------------------|------------|---------------------|------------|
| Unique test report identification number | 1120050202 | Date of test report | 23.06.2020 |
|------------------------------------------|------------|---------------------|------------|

## 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):                                          |      | 47,8    |
| Lithium ion: Indicate watt-hour rating (Wh):               |      | 9,62    |
| Lithium metal: Indicate lithium metal content in gram (g): |      |         |

## 7. Physical description of cell / battery

Battery pack with 1 round cell, size 18650, covered with shrink tube, incl. pcb (protection board)

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**Name of cell/battery** (taken from field 1)

Rechargeable Li-Ion Cylindrical Battery, YC18650-3726, 1S1P 3.7V 2600mAh 9.62Wh

## 8. Model numbers

SLIM Inspection Light IL700R  
Ansmann Part.No.:  
1600-0422

## 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 type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |
| T7 - Overcharge                                                             | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |
| T8 - Forced Discharge                                                       | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |
|                                                                             | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |
|                                                                             | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |

## 10. Reference to assembled battery testing requirements

|  |     |             |
|--|-----|-------------|
|  |     |             |
|  | N/A | <div></div> |

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

ST-SG-AC10-11-Rev.6-Amend.1

## 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      | Testzentrum i.A. K. Gehring    | Klaus Gehring<br><small>Digital unterschrieben von Klaus Gehring<br/>Datum: 2021.04.21 17:13:33<br/>+02'00'</small> |