

# 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

ER26500H Primary Lithium Thionyl Chloride Battery (LiSOCl<sub>2</sub>)

## 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    | Guangzhou MCM Certification and Testing Co., LTD                                                                                                                                |
| Address | 1F No.13, Zhong San Section, ShiGuang Road; Panyu District, Guangzhou City, Guangdong Prov.  |
| Phone   | 0086-20-34777662, 0086-20-34777663, 0086-20-34777665-609                                                                                                                        |
| Email   | markmiao@mcmtek.com                                                                                                                                                             |
| Website | http://www.mcmtek.com                                                                                                                                                           |

## 4. ID-number and date

|                                          |                  |                     |            |
|------------------------------------------|------------------|---------------------|------------|
| Unique test report identification number | WHFAT20181214U04 | Date of test report | 28.12.2018 |
|------------------------------------------|------------------|---------------------|------------|

## 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 type="radio"/> Lithium ion battery | <input type="radio"/> Lithium metal battery |

| 6. Parameters                                              | Cell | Battery |
|------------------------------------------------------------|------|---------|
| Mass in gram (g):                                          | 50   |         |
| Lithium ion: Indicate watt-hour rating (Wh):               |      |         |
| Lithium metal: Indicate lithium metal content in gram (g): | 2.3  |         |

## 7. Physical description of cell / battery

round cell, diameter 26mm, height 50mm; nom. voltage 3.6V

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

ER26500H Primary Lithium Thionyl Chloride Battery (LiSOCl<sub>2</sub>)

## 8. Model numbers

ER26500H 3.6V 8500mAh

## 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 checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |
| T8 - Forced Discharge                                                       | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |
|                                                                             | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> |
|                                                                             | <input 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/AC.10/11/Rev.6 section 38.3

## 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, 25.03.2020 | Technician, Gramlich, Timo     | Timo Gramlich<br><small>Digital unterschrieben von Timo Gramlich<br/>Datum: 2020.03.26 13:16:47<br/>+01'00'</small> |