

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

Li-Ion Battery 18650 1S2P 3.7V 4000mAh 14.8Wh

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 Research Institute of Chemical Industry Testing Centre
Address	No.345, Yunling East Road, Shanghai, China
Phone	(021) 31765555
Email	zmh@ghs.cn
Website	http://www.ghs.cn

4. ID-number and date

Unique test report identification number	1119120233	Date of test report	06.03.2020
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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):		93.5
Lithium ion: Indicate watt-hour rating (Wh):		14.8
Lithium metal: Indicate lithium metal content in gram (g):		

7. Physical description of cell / battery

Battery pack with 2 round cells, size 18650, covered with shrink tube, incl. pcb (protection board)

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Name of cell/battery (taken from field 1)

Li-Ion Battery 18650 1S2P 3.7V 4000mAh 14.8Wh

8. Model numbers

Ansmann Part.No.: 1600-0346

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 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-AC10-11-Rev6-Amend.1 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, 07.07.2020	Technician, Gramlich, Timo	Timo Gramlich <small>Digital unterschrieben von Timo Gramlich Datum: 2020.07.07 10:09:04 +02'00'</small>