

1. Name of cell / battery

Li-Ion battery 5Ah 18V 90Wh

2. Manufacturer of cell / battery / product

Name	Adolf Würth GmbH & Co. KG
Address	Reinhold-Würth-Str. 12 - 17, 74653 Künzelsau, GERMANY
Phone	+49 7940 15-0
Email	info@wuerth.com
Website	www.wuerth.de

3. Test laboratory of cell / battery / product

Name	Vkan Certification & Testing Co., Ltd.
Address	No. 3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, P.R. China
Phone	+86 020 32293888
Email	office@cvc.org.cn
Website	http://www.cvc.orgn.cn

4. ID-number and date

Unique test report identification number	RZUN2019-1140	Date of test report	2019-03-05
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DESCRIPTION OF CELL / BATTERY

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

<input type="checkbox"/> Lithium ion cell	<input type="checkbox"/> Lithium metal cell
<input checked="" type="checkbox"/> Lithium ion battery	<input type="checkbox"/> Lithium metal battery

6. Parameters

	Cell	Battery
Mass in gram [g]:		691.23
Lithium ion: Indicate watt-hour rating [Wh]:		90
Lithium metal: Indicate lithium metal content in gram [g]:		

7. Physical description of cell / battery

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LITHIUM CELL/BATTERY TEST SUMMARY

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



Name of cell/battery [taken from field I]
Li-Ion battery 5Ah 18V 90Wh

8. Model numbers		
Part-No.:	Würth Part-No.:	Description:
	5703 450 000	18V 5Ah Battery Pack

TESTS AND RESULTS

9. List of tests conducted and results - Mark N/A, pass or fail with an "X"	N/A	pass	fail
T1 - Altitude simulation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T2 - Thermal Test	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T3 - Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TLJ - Shock	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T5 - External Short Circuit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T6 - Impact/ Crush	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
T7 - Overcharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TB - Forced Discharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. Reference to assembled battery testing requirements		
	N/A	

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/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
Künzelsau, 2020-03-30	Manfred Böhm	 <small>Adolf Würth GmbH & Co. KG Reinhold-Würth-Str. 12-17 74653 Künzelsau/Deutschland T +49 739 40 15-0 • F +49 739 40 15-100 info@wuertth.com • www.wuertth.de</small>