

**1. Name of cell / battery**

Li-Ion battery 12V / 4Ah

**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	Tüv Süd PSB Pte. Ltd
Address	No. 1 Science Park Drive, Singapore 118221, Singapore
Phone	+65 6437 4700
Email	info.sg@tuv-sud.com
Website	www.tuev-sued.de/company/locations/asia

**4. ID-number and date**

Unique test report identification number	7191197214-EEC18	Date of test report	2018-11-28
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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]:		376
Lithium ion: Indicate watt-hour rating [Wh]:		43,2
Lithium metal: Indicate lithium metal content in gram [g]:		

**7. Physical description of cell / battery**

Detachable drop in lithium-ion accumulator

**LITHIUM CELL/BATTERY TEST SUMMARY**  
 IN ACCORDANCE WITH SUB-SECTION 38.3  
 OF MANUAL OF TESTS AND CRITERIA



<b>Name of cell/battery [taken from field I]</b>
Li-Ion battery 12V / 4Ah

<b>8. Model numbers</b>		
Part-No.:	Würth Part-No.:	Description:
GBA 10.8V/12V 4.0Ah	5700 996 400	Li-Ion battery 12V / 4Ah

**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"/>
T4 - 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T7 - Overcharge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TB - Forced Discharge	<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"/>	<input type="checkbox"/>

<b>10. Reference to assembled battery testing requirements</b>		
	N/A	

<b>11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto</b>
ST/SG/AC. 10/11/Rev.6/Amend.1

<b>12. The manufacture of the cell / battery is in accordance with the documented quality management system as required by the regulations.</b>
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<b>13. Place, Date</b>	<b>14. Title, Surname, First name</b>	<b>15. Company stamp and signature</b>
2020-07-09	Manfred Böhm	 <small>           Adolf Würth GmbH &amp; Co. KG            Rainhold-Würth-Str. 12-17            74653 Künzelsau/Deutschland            T +49 7340 15-0, F +49 7340 15-1000            info@wuerth.com · www.wuerth.de         </small>