

**1. Name of cell / battery**

LP3S1P3A10AL002 (3s1p li-ion battery pack)

**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	Shenzhen BCTC Testing Co., Ltd.
Address	BCTC Building & 1-2F, East of B-Building, Pengzhou Industrial
Phone	0068 400 788 9558
Email	bctc@bctc-lab.com
Website	www.bctc-lab.com

**4. ID-number and date**

Unique test report identification number	BCTC1911001732	Date of test report	2019-12-10
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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]:	75	222
Lithium ion: Indicate watt-hour rating [Wh]:	16.65	48.6
Lithium metal: Indicate lithium metal content in gram [g]:	-	-

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

3pcs li-ion 21700 cells in series

<b>Name of cell/battery [taken from field I]</b>
LP3S1P3A10AL002 (3s 1p li-ion battery pack)

<b>8. Model numbers</b>		
Part-No.:	Würth Part-No.:	Description:
LP3S1P3A10AI002	0683 370 030	Akku-Verstellwerkzeug Sockelhöhenversteller Typ EV


**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"/>
TU - 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"/>

<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>
LiTech Power 3S 11.1V Battery Pack Testing Standards

<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>
Künzelsau, 2020-04-24	Manfred Böhm	 <small>Adolf Würth GmbH &amp; Co. KG        Reinhold-Würth-Str. 12-17        74653 Künzelsau/Deutschland        T +49 7940 15-0 · F +49 7940 15-1000        info@wuerth.com · www.wuerth.de</small>