

Lithium cells or batteries test summary according to UN38.3

Battery Manufacturer: Jauch Quartz GmbH In der Lache 24 D-78056 Villingen-Schwenningen Germany +49 7720 945-0 www.jauch.com , info@jauch.com	UN38.3 Test Lab: Shenzhen SEM.Test Technology Co., Ltd. Liuian'er Road, Block 70, Shenzhen, China +86 0755 33663308 www.semtest.com.cn admin@semtest.com.cn																																				
Description of cell or battery: Cell/battery type: <input type="checkbox"/> Lithium metal <input checked="" type="checkbox"/> Lithium-ion Cell or battery: <input type="checkbox"/> cell <input type="checkbox"/> battery <input checked="" type="checkbox"/> single cell battery Model name: LP603048JK 1s1p Part-no.: 246511 Voltage: 3.7V Typical Capacity: 850mAh Min. Capacity: 820mAh Energy: 3.03Wh Lithium content: n/a Weight of cell/battery: 14g Physical description: Lithium-Ion (Pouch) Battery with two wires	Test report-no.: STR19049242S Date of test report: March 02, 2019																																				
List of tests (result: pass/fail): <table border="1" data-bbox="204 1173 1078 1458"> <thead> <tr> <th>Test number</th> <th>Test item</th> <th>Result</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>T-1</td> <td>Altitude</td> <td>pass</td> <td></td> </tr> <tr> <td>T-2</td> <td>Thermal cycling</td> <td>pass</td> <td></td> </tr> <tr> <td>T-3</td> <td>Vibration</td> <td>pass</td> <td></td> </tr> <tr> <td>T-4</td> <td>Shock</td> <td>pass</td> <td></td> </tr> <tr> <td>T-5</td> <td>External short circuit</td> <td>pass</td> <td></td> </tr> <tr> <td>T-6</td> <td>Impact /Crush</td> <td>pass</td> <td>for cell only</td> </tr> <tr> <td>T-7</td> <td>Overcharge</td> <td>pass</td> <td></td> </tr> <tr> <td>T-8</td> <td>Forced Discharge</td> <td>pass</td> <td>for cell only</td> </tr> </tbody> </table>	Test number	Test item	Result	Remarks	T-1	Altitude	pass		T-2	Thermal cycling	pass		T-3	Vibration	pass		T-4	Shock	pass		T-5	External short circuit	pass		T-6	Impact /Crush	pass	for cell only	T-7	Overcharge	pass		T-8	Forced Discharge	pass	for cell only	For air transportation only: State of charge <input checked="" type="checkbox"/> max. 30% <input type="checkbox"/> not applicable
Test number	Test item	Result	Remarks																																		
T-1	Altitude	pass																																			
T-2	Thermal cycling	pass																																			
T-3	Vibration	pass																																			
T-4	Shock	pass																																			
T-5	External short circuit	pass																																			
T-6	Impact /Crush	pass	for cell only																																		
T-7	Overcharge	pass																																			
T-8	Forced Discharge	pass	for cell only																																		

Test results in accordance with the UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Test and Criteria ST/SG/AC.10/11 Rev.6, 38.3. Cell manufacturing as well as battery assembly is done under the quality assurance program of ISO9001.

This document remains valid as long as no changes, modifications or additions are made to the model(s) described in this document. The model(s) has (have) been classified according to the applicable transport regulation and the UN Manual of Test and Criteria as of the date of the certification. The model(s) must be packed, labelled and documented according to country and other international regulations for transportation.

Name / Title of Signatory / Date


Sönke Zacher / Project Manager

July 16, 2020