

## Lithium cells or batteries test summary according to UN38.3

<p><b>Battery Manufacturer:</b> Jauch Quartz GmbH In der Lache 24 D-78056 Villingen-Schwenningen Germany +49 7720 945-0 <a href="http://www.jauch.com">www.jauch.com</a>, <a href="mailto:info@jauch.com">info@jauch.com</a></p>	<p><b>UN38.3 Test Lab:</b> SRICI TESTING West entrance, No.345 East Yunling Road, Shanghai +8621 52569800 <a href="http://www.ghs.cn">www.ghs.cn</a> <a href="mailto:wyorama@gmail.com">wyorama@gmail.com</a></p>																																				
<p><b>Description of cell or battery:</b> Cell/battery type: <input checked="" type="checkbox"/> Lithium metal <input type="checkbox"/> Lithium-ion Cell or battery: <input checked="" type="checkbox"/> cell <input type="checkbox"/> battery</p> <p>Model name: ER14250J-S 1/2AA Part-no.: 247835 ER14335J-S 2/3AA Part-no.: 247836 ER14505J-S AA Part-no.: 247753 ER17505J-S A Part-no.: 248240 ER18505J-S A Part-no.: 248268 ER26500J-S C Part-no.: 248239 ER34615J-S D Part-no.: 247662</p> <p>Voltage: 3.6V Capacity: 1.2Ah – 19Ah Energy: n/a Lithium content: 0.31g – 4.92g Weight of cell/battery: 10g – 100g</p>	<p><b>Test report-no.:</b> 1116010099 Jan. 12, 2016</p> <p>1113120319 Dec. 19, 2013</p> <p>1113120176 1113120167 Dec. 09, 2013</p> <p>1114100179 Oct. 31, 2014</p> <p>1116070161 Jul. 20, 2016</p> <p>1113120189 Dez. 09, 2013</p>																																				
<p>List of tests (result: pass/fail):</p> <table border="1"> <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>N/A</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	N/A		T-8	Forced Discharge	pass	for cell only	<p><b>For air transportation only:</b></p> <p>State of charge <input type="checkbox"/> max. 30% <input checked="" type="checkbox"/> not applicable</p>
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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, Amend. 1, 38.3. Cell manufacturing as well as battery assembly is done under the quality assurance program of ISO9001:2008.

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

Dec. 09, 2019