




## UN38.3 TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3.5 OF UN MANUAL OF TESTS AND CRITERIA

<b>Model: AP1S4P</b> <b>Type: 1S4P NCR18650B 3,6V 13,4Ah 48,24Wh</b>																											
1	<b>Manufacturer</b> AccuPower Forschungs-, Entwicklungs- und Vertriebsgesellschaft mbH Pirchäckerstraße 27, 8053 Graz, AUSTRIA Tel.: +43 (316) 26 29 11-0   Mail: info@accupower.at   Web: www.accupower.at																										
2	<b>UN38.3 Test lab</b> Vkan Certification & Testing Co. Ltd Add: No.3,Tiantaiyi Road,Kaitai Avenue,Science City, Guangzhou, 510663, CHINA / Tel.: +86-20-32293693   Email: office@cvc.org.cn   Web: www.cvc.org.cn																										
3	<b>Test report number:</b> RZUN2018-0637																										
4	<b>Date of test report:</b> 08-04-2018																										
5	<b>Description of cell or battery</b> 1S4P NCR18650B 3,6V 13,4Ah 48,24Wh in shrinking tube with cable and connector, LxBxH: 74 x 19.5 x 70.5mm +/- 2mm / 0,195kg +/- 0,020kg, AccuPower Product Model: AP1S4P																										
																											
6	<b>UN38.3 Tests performed and successfully passed</b> <table border="1" style="margin-top: 10px;"> <thead> <tr> <th>Performed test</th> <th>Result</th> </tr> </thead> <tbody> <tr><td>38.3.4.1 / T1</td><td>Altitude Simulation</td><td>Passed</td></tr> <tr><td>38.3.4.2 / T2</td><td>Thermal Test</td><td>Passed</td></tr> <tr><td>38.3.4.3 / T3</td><td>Vibration</td><td>Passed</td></tr> <tr><td>38.3.4.4 / T4</td><td>Shock</td><td>Passed</td></tr> <tr><td>38.3.4.5 / T5</td><td>External Short Circuit</td><td>Passed</td></tr> <tr><td>38.3.4.6 / T6</td><td>Impact / Crush</td><td>Passed</td></tr> <tr><td>38.3.4.7 / T7</td><td>Overcharge</td><td>Passed</td></tr> <tr><td>38.3.4.8 / T8</td><td>Forced Discharge</td><td>Passed</td></tr> </tbody> </table> <div style="margin-top: 10px; display: flex; align-items: center;">  <div> <p>Transportation Safety Test passed for:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Cargo Aircraft only</li> <li><input checked="" type="checkbox"/> Sea</li> <li><input checked="" type="checkbox"/> Road</li> </ul>  </div> </div>	Performed test	Result	38.3.4.1 / T1	Altitude Simulation	Passed	38.3.4.2 / T2	Thermal Test	Passed	38.3.4.3 / T3	Vibration	Passed	38.3.4.4 / T4	Shock	Passed	38.3.4.5 / T5	External Short Circuit	Passed	38.3.4.6 / T6	Impact / Crush	Passed	38.3.4.7 / T7	Overcharge	Passed	38.3.4.8 / T8	Forced Discharge	Passed
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7	<b>Edition of UN Manual of used test and criteria:</b> Rev.6																										
8	<b>Assembled Battery Testing Requirements:</b> not applicable																										
9	<b>Name and title of signatory/ company stamp</b>   <b>Ing. Issam Al-Abassy / Application Engineering Manager</b>																										