





## UN38.3 TEST SUMMARY

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

<b>Model:</b> AP1415																											
<b>Type:</b> Lithium ion battery 4S7P ICR18650 14.4V / 222Wh / 15.4Ah																											
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> PONY HQ Building Add: Bldg1, Court 66, Jindai Road, Zhongguancun Environmental Protection Park, Haidian District, Beijing, CHINA / Tel.: +86-10-83055000/82618116   Email: pony@ponytest.com   Web: www.ponytest.com																										
3	<b>Test report number:</b> H09133007021D~1																										
4	<b>Date of test report:</b> 15-10-2013																										
5	<b>Description of cell or battery</b> Lithium ion battery 4S7P ICR18650 14.4V / 222Wh / 15.4Ah in own plastic housing with cable and connector, LxBxH: 167 x 100 x 75.5mm +/- 1mm / 1.6kg +/- 0,015kg, AccuPower Product Model: AP1415																										
																											
6	<b>UN38.3 Tests performed and successfully passed</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;">Performed test</th> <th style="width: 40%;">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.5 / Amend. 1																										
8	<b>Assembled Battery Testing Requirements:</b> not applicable																										
9	<b>Name and title of signatory/ company stamp</b>  <p>ACCU POWER Forschungs-, Entwicklungs- und Vertriebsgesellschaft mbH.          Pirchäckerstraße 27, A-8053 Graz, AUSTRIA          Tel: +43 (0)316 - 262911 10; Fax: 262911 36          info@accupower.at, www.accupower.at</p> <p><b>Ing. Issam Al-Abassy / Application Engineering Manager</b></p>																										