

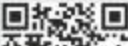





UN38.3 TEST SUMMARY

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

Model: AP1S1P2200																											
Type: Lithium-ion cell 1S1P ICR18650-22P 3.7V / 7.95Wh / 2150mAh																											
1	Manufacturer 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	Cell-Manufacturer and UN38.3 Test lab Samsung SDI Co., LTD Battery Business Division Add: 467 Beonyeong-Ro Seobuk-Gu Cheonan-Si Chungchongnam-Do, 31086 Korea / Tel.: +82-41-560-3669 Email: sdimaster@samsung.com Web: www.samsungsdi.com																										
3	Test report number: QAE-EF02-100531-CY018650B4																										
4	Date of test report: 31-10-2017																										
5	Description of cell or battery Lithium-ion cell 1S1P ICR18650-22P 3.7V / 7.95Wh / 2150mAh in shrinking tube with cable and connector, Length & Diameter: 68.5 x 18mm +/- 2mm / 0.050kg +/- 0,003kg, AccuPower Product Model: AP1S1P2200 																										
6	UN38.3 Tests performed and successfully passed <table border="1" style="width: 100%; border-collapse: collapse;"> <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="display: flex; align-items: center; justify-content: center; margin-top: 10px;">  <div style="border: 1px solid gray; padding: 5px; background-color: #f0f0f0;"> <p style="margin: 0;">Transportation Safety Test passed for:</p> <p><input checked="" type="checkbox"/> Cargo Aircraft only</p> <p><input checked="" type="checkbox"/> Sea </p> <p><input checked="" type="checkbox"/> Road </p> <p style="text-align: right; margin: 0;"></p> </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	Edition of UN Manual of used test and criteria: Rev.4																										
8	Assembled Battery Testing Requirements: not applicable																										
9	Name and title of signatory / company stamp  <p>Mr. Issam Al-Abassy Application Engineering Manager</p>																										