




UN38.3 TEST SUMMARY

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

Model: APST4S1P-35E																											
Type: Lithium-ion battery 4S1P INR18650-35E 14,4V 3,35Ah 48,24Wh																											
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	UN38.3 Test lab 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	Test report number: RZUN2018-2800																										
4	Date of test report: 23-01-2019																										
5	Description of cell or battery Lithium-ion battery 4S1P INR18650-35E 14,4V 3,35Ah 48,24Wh in shrinking tube with cable and connector, LxBxH: 74 x 19.5 x 70.5mm +/- 1mm / 0,195kg +/- 0,005kg, AccuPower Product Model: APST4S1P-35E <div style="float: right; text-align: center;">  </div>																										
6	UN38.3 Tests performed and successfully passed <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 style="flex: 1; text-align: center;">  </div> <div style="flex: 1; padding-left: 20px;"> <p>Transportation Safety Test passed for:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Cargo Aircraft only <input checked="" type="checkbox"/> Sea <input checked="" type="checkbox"/> Road <div style="display: flex; align-items: center;"> </div> </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.6 / Amend. 1																										
8	Assembled Battery Testing Requirements: not applicable																										
9	Name and title of signatory/ company stamp <div style="margin-top: 10px;">  <p style="font-size: small; margin-top: 5px;"> 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> </div> <p style="margin-top: 10px;">Ing. Issam Al-Abassy / Application Engineering Manager</p>																										