

UN 38.3 Test Summary Report

[a] Name of cell, battery or product manufacturer, as applicable Item Number : XL-060F Item Name : Cell Item Description : 3.6V / 2.4Ah Same Type Part - STD : Standard(with no terminal) - Terminal type · Tag : T1, T2, T3, T3R, T3EU, T3EUR · Pin : AX · Harness and cable : C&W	[b] Cell, battery, or product manufacturer's contact information to include address, phone number, email address and website for more information; XENOENERGY Co., Ltd. 70-7, Muha-ro, Hwaseong-city, Kyonggi-do Republic of Korea, 18729 T. +82 31 355 3511 global@xenoenergy.com www.xenoenergy.com																	
[c] Name of the test laboratory to include address, phone number, email address and website for more information; XENOENERGY Co., Ltd. 70-7, Muha-ro, Hwaseong-city, Kyonggi-do Republic of Korea, 18729 T. +82 31 355 3511 rnd@xenoenergy.com www.xenoenergy.com	[d] A unique test report identification number; Xeno Q110408	[e] Date of test report; April 08, 2011																
[f] Description of cell or battery to include at a minimum: Lithium ion or lithium metal cell or battery; Mass; Watt-hour rating, or lithium content; Physical description of the cell/battery; and Model numbers. Cell used in implantable medical devices, such as : Pacemaker(IPG), Neuro-Stimulators or Implantable Defibrillators(ICD) (i) Lithium metal (ii) Mass : max. 20g (iii) Lithium content : 0.7g (iv) ELC or W/h rating : 3.6V / 2.4Ah (v) Model number: XL-060F	[g] List of tests conducted and results (i.e., pass/fail); <table border="0"> <tr> <td>☒ Test T.1 : Altitude simulation</td> <td>Pass</td> </tr> <tr> <td>☒ Test T.2 : Thermal test</td> <td>Pass</td> </tr> <tr> <td>☒ Test T.3 : Vibration</td> <td>Pass</td> </tr> <tr> <td>☒ Test T.4 : Shock</td> <td>Pass</td> </tr> <tr> <td>☒ Test T.5 : External short circuit</td> <td>Pass</td> </tr> <tr> <td>☒ Test T.6 : Impact/Crush(cell only test)</td> <td>Pass</td> </tr> <tr> <td>☒ Test T.7 : Overcharge(N.A for Li-metal only)</td> <td>N/A</td> </tr> <tr> <td>☒ Test T.8 : Forced discharge(cell only test)</td> <td>Pass</td> </tr> </table> Testing additional comments : No additional information		☒ Test T.1 : Altitude simulation	Pass	☒ Test T.2 : Thermal test	Pass	☒ Test T.3 : Vibration	Pass	☒ Test T.4 : Shock	Pass	☒ Test T.5 : External short circuit	Pass	☒ Test T.6 : Impact/Crush(cell only test)	Pass	☒ Test T.7 : Overcharge(N.A for Li-metal only)	N/A	☒ Test T.8 : Forced discharge(cell only test)	Pass
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[h] Reference to assembled battery testing requirements, if applicable (i.e. 38.3.3 (f) and 38.3.3 (g)); Not Applicable.	[i] Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any; UN Manual of Tests and Criteria, Part III, sub-section 38.3. <i>sixth revised edition</i>																	
[j] Signature with name and title of signatory as an indication of the validity of information provided. Name(Signed by) : JR Kim Title : Director of R&D 	Date this document was generated. Oct. 21, 2019																	
Important! The above signatory / signatories affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by XENOENERGY and, should XENOENERGY consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.																		

