# UN 38.3 Test Summary Report

[a] Name of cell, battery or product manufacturer, as applicable

**Item Number : XLP-055F**
Item Name : Cell
Item Description : 3.6V / 1.65Ah
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;

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[d] A unique test report identification number;

Xeno Q110608

[e]Date of test report;

June 8, 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. 15g
( iii ) Lithium content : 0.5g
( iv ) ELC or W/h rating : 3.6V / 1.65Ah
( v ) Model number: XLP-055F

[g] List of tests conducted and results (i.e., pass/fail);

| | |
|---|---|
| ☑ 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 |

Testing additional comments : No additional information

[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.
*sixth revised edition*

[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 doucment 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.*

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