

# Test Report

Report No. : TCT180507C017

Date : May. 09, 2018

Page No.: 1 of 3

**Applicant:**

**Address:**

**The following sample was submitted and identified by/on behalf of the client as:**

Sample Name: Li-ion Battery

Model No.: 602040

Manufacturer:

Address:

Sample Received Date: 2018.05.07

Testing Period: 2018.05.07—2018.05.09

Test Requested: Accordance with Directive 2006/66/EC, to determine the Lead (Pb), Cadmium (Cd), Mercury (Hg) contents of the submitted sample(s).

Test Method: Please refer to the following page(s).

Test Result(s): Please refer to the following page(s).

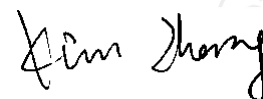
Conclusion: Test results of submitted sample(s) comply with the limit set by Directive 2006/66/EC and its amendment 2013/56/EU.

Checked by



Noel Yin

Signed for and on behalf of TCT



Kim Zhang  
Technical Manager



# Test Report

Report No. : TCT180507C017

Date : May. 09, 2018

Page No.: 2 of 3

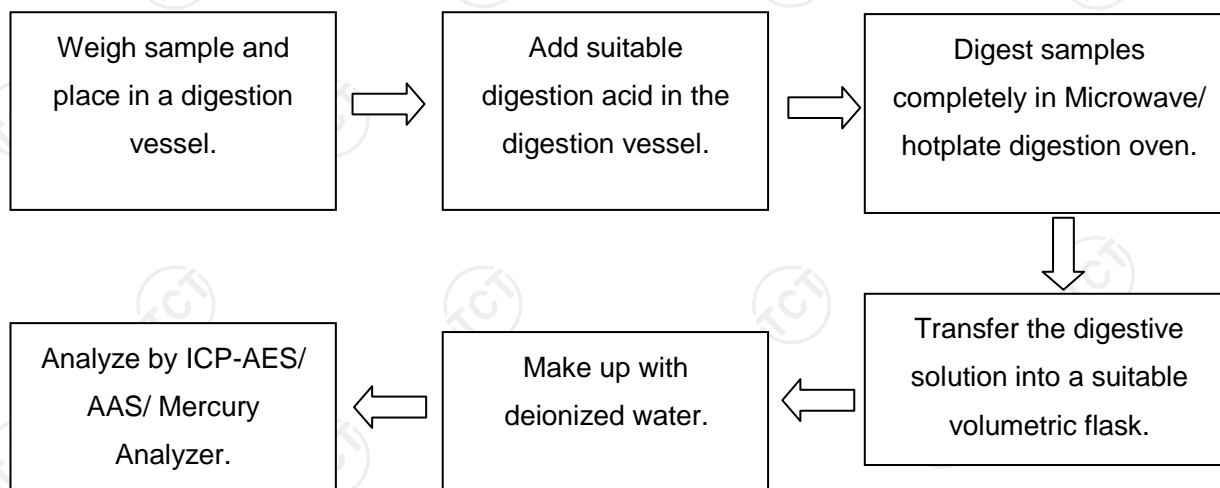
## Test Results:

### Lead, Cadmium and Mercury Content(s)

Test Items	Test Method	Unit	Test Results	MDL	Labelling Requirement#	Permissible Limit
Lead (Pb)	With reference to GB/T 20155-2006, Analysis was performed by ICP-OES	%	N.D.	0.0010	> 0.004	--
Cadmium (Cd)			N.D.	0.0010	> 0.002	0.002##
Mercury (Hg)			N.D.	0.0001	> 0.0005	0.0005

- Note :
- MDL = Method Detection Limit
  - N.D. = Not detected, less than MDL.
  - # = According to the article 21.3, batteries, accumulators and button cells containing more than 0,0005 % mercury, more than 0,002 % cadmium or more than 0,004 % lead, shall be marked with the chemical symbol for the metal concerned: Hg, Cd or Pb.
  - ## = Not apply to portable batteries and accumulators intended for use in:
    - (a) emergency and alarm systems, including emergency lighting;
    - (b) medical equipment; or
    - (c) cordless power tools.
  - Results shown is/are of total weight of the battery sample.
  - "--" = Not Regulated.
  - According to the article 21.1, all batteries, accumulators and battery packs should be appropriately marked with the crossed-out wheeled bin symbol.

### Test Process :



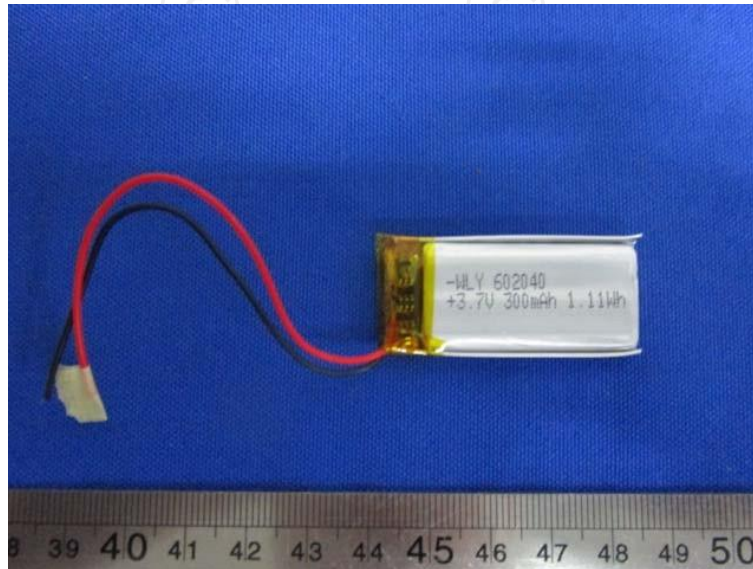
## Test Report

Report No. : TCT180507C017

Date : May. 09, 2018

Page No.: 3 of 3

### Photo(s) of the sample(s)



**\*\*\* End of Report \*\*\***

*Remark : This report is considered invalidated without the Special Seal for Inspection of the TCT. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of TCT, this test report shall not be copied except in full and published as advertisement.*

# TEST REPORT

Prepared for:

Product Name: Li-ion Battery

Trademark: N/A

Model: 602040

Prepared by: Laboratory of Shenzhen United Testing Technology Co., Ltd.

2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd ,  
Tiegang Community, Xixiang Str, Baoan Distric, Shenzhen,  
China

Date of Test: Mar., 20, 2018 – Mar., 26, 2018

Date of Report: Mar., 26, 2018

Report No.: UNIB2018032007FR-01

<b>Battery Report</b> <b>EN 62133:2013</b>	
Testing Laboratory Name .....	Laboratory of Shenzhen United Testing Technology Co., Ltd.
Address .....	2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd , Tiegang Community, Xixiang Str, Baoan Distric, Shenzhen, China
Testing location .....	Same as above
Applicant's Name.....	
Address .....	
Manufacturer .....	
Address .....	
Test specification	
Standard.....	EN 62133:2013
Procedure deviation.....	N/A
Non-standard test method.....	N/A
Test item description.....	Li-ion Battery
Trademark.....	N/A
Model and/or type reference .....	See page 1
Rating(s).....	3.7V,300mAh
Test case verdicts	
Test case does not apply to the test object...:	N/A
Test item does meet the requirement.....:	P(ass)
Test item does not meet the requirement.....:	F(all)

**General product information:**

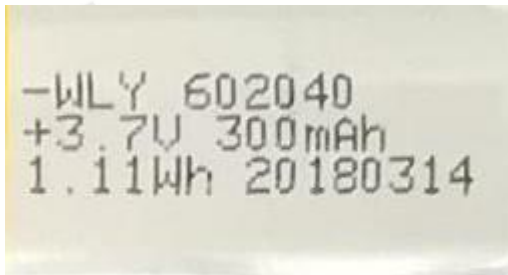
The battery, model no.: 602040, is used in portable applications and consists of one Lithium Battery, the cell model no.: 602040

The cells and batteries have been tested and evaluated according to their specified working conditions (as given below), which are provided by client;Details information of the battery and the cell built in the battery, as following:

Product	Cell	Bbattery
Model No.	602040	602040
Nominal voltage	3.7V	3.7V
Rated capacity	300mAh	300mAh
Charge method	Charging the battery with 150mA constant current, 4.2V until current reaches 10mA	Charging the battery with 150mA constant current, 4.2V until current reaches 10mA
Max. Charging Current	300mA	300mA
Max. Charging voltage	4.25V	4.25V
End of discharge voltage	3.0V	3.0V

<p><b>Tests Performed (name of test and test clause):</b></p> <p>Tests are made with the number of samples specified in Table 2 of EN 62133:2013.</p> <p>Test items:</p> <p>Cl.6 type test conditions</p> <p>Cl.8.1 Charging procedures for test purposes</p> <p>Cl.8.2.1 Continuous charging at constant voltage (cells)</p> <p>Cl.8.2.2 Moulded case stress at high ambient temperature (battery)</p> <p>Cl.8.3.1 External short circuit(cell)</p> <p>Cl.8.3.2 External short circuit(battery)</p> <p>Cl.8.3.3 Free fall</p> <p>Cl.8.3.4 Thermal abuse (cells)</p> <p>Cl.8.3.5 Crush(cells)</p> <p>Cl.8.3.6 Over-charging of battery</p> <p>Cl.8.3.7 Forced discharge(cells)</p>	<p><b>Testing Location:</b></p> <p><b>2F, Annex Bldg,jiahuangyuan Tech Park,#365 Baotian 1 Rd , Tiegang Community,Xixiang Str,Baoan Distric, Shenzhen, China</b></p>
<p><b>Test conclusion:</b></p> <p>The Li-ion batteries are tested according to EN 62133:2013 Secondary cells and batteries containing alkaline or other non-acid electrolytes Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications.</p> <p><b>Test result: Pass.</b></p>	

Copy of marking plate:



Prepared by :

Mavisson  
Engineer

Reviewer :

King Lee  
Supervisor

Approved & Authorized Signer :

Ho Kin Lou / Manager  
Ho Kin Lou / Manager





EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict
<b>5</b>	<b>General safety considerations</b>		<b>P</b>
	Cells and batteries subject to intended use be safe and continue to function in all respects	Refer to the following clauses.	P
	Cells and batteries subject to reasonably foreseeable misuse do not present significant hazards.	Refer to the following clauses.	P
5.2	Insulation and wiring		P
	–Insulation Resistance between an accessible metal case (excluding electrical contacts) and positive terminals $\geq 5M\Omega$ .	No accessible metal case exists;	N/A
	Internal wiring and insulation are sufficient to withstand maximum anticipated current, voltage and temperature requirements	See tests of clause 8.	P
	Orientation of wiring maintains adequate creepage and clearance distances between conductors. Mechanical integrity of internal connections is sufficient to accommodate conditions of reasonably foreseeable misuse.	See tests of clause 8.	P
5.3	Venting		P
	Battery cases and cells incorporate a pressure relief mechanism or are constructed so that they relieve excessive internal pressure at a value and rate that will preclude rupture, explosion and self-ignition.		P
	Encapsulation used to support cells within an outer casing does not cause the battery to overheat during normal operation no inhibit pressure relief.	Without encapsulation.	N/A
5.4	Temperature/voltage/current management		P
	The batteries are designed such that abnormal temperature rise conditions are prevented.		P
	Means is provided to limit current to safe levels during charge and discharge.		P
	The batteries are designed such that within temperature, voltage and current limits specified by the		P

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict
	cell manufacturer.		
	Batteries provided with specifications and charging instructions for equipment manufacturers so that associated chargers are designed to maintain charging within the temperature, voltage and current limits specified;	See battery specifications;	P
5.5	Terminal contacts		P
	Terminals have a clear polarity marking on the external surface of the battery	“+” for positive polarity and “-” for negative polarity marking on the label near the terminal	P
	The size and shape of the terminal contacts ensure that they can carry the maximum anticipated current.		P
	External terminal contact surfaces are formed from conductive materials with good mechanical strength and corrosion resistance.		P
	Terminal contacts are arranged to minimize the risk of short circuits.		P
	the external connector prevents reverse polarity connections, Battery packs with keyed external connectors designed for connection to specific end products need not be marked with polarity marking;		N/A
5.6	Assembly of cells into batteries		P
5.6.1	Cells used in the battery assembly have closely matched capacities, are of the same design, and are of the same chemistry and same manufacturer.		N/A
	The battery incorporates separate circuitry to prevent cell reversal from uneven charges as the pack is designed for the selective discharge of a portion of its series connected cells.		N/A
5.6.2	Design recommendation for lithium system only		P
	The voltage of each cell or each cellblock consisting of parallel-connected plural cell, should not exceed		P

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict
	4.20V, excepting the case where the portable electronic devices or the likes have the equivalent function;		
	Considered at the battery pack level and by the device designer:	See below;	-
	- for the battery consisting of a single cell or a single cellblock	Upper limit of the charging voltage: 4.25V	
	- for the battery consisting of series-connected plural single cells or series-connected plural cellblocks, it is recommended that the voltages of any one of the single cells or single cellblocks does not exceed the upper limit of the charging voltage, specified in Table 4, by monitoring the voltage of every single cell or the single cellblocks;		
	- for the battery consisting of series-connected plural single cells or series-connected plural cellblocks, it is recommended that charging is stopped when the upper limit of the charging voltage is exceeded for any one of the single cells or single cellblocks by measuring the voltage of every single cell or the single cellblocks.		
5.7	Quality plan		P
	The manufacture has prepared a quality plan defining the procedures for the inspection of materials, components, cells and batteries and which covers the process of producing each type of cell and battery.	The manufacturer has ISO 9001:2008 certificate and such quality plan.	P

<b>6</b>	<b>Type test conditions</b>		<b>P</b>
	Tests were conducted with the number of cells or batteries as outlined in Table 2 of EN 62133 with cells or batteries that were not more than six months old.	Tests are made with the number of batteries specified in Table 2. battery are not more than six months old.	P
	Unless noted otherwise in the test methods, testing	Tests are carried out at	P

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict

	was conducted in an ambient of 20°C ± 5°C.	20°C-25°C.	
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<b>8</b>	<b>Specific requirements and tests</b>		<b>P</b>
8.1	Charging procedure for test purposes		P
8.1.1	First procedure		-
	Test is carried out at 20°C±5°C. Charging method declared by the manufacturer.		P
	Prior to charging, the battery shall have been discharged at 20 °C ±5 °C at a constant current of 0,2 It A down to a specified final voltage.		P
8.1.2	Second procedure		-
	For clause 8.3.1, 8.3.2, 8.3.4, 8.3.5, and 8.3.9 charging procedure After stabilization for 1 to 4 hours respectively at ambient temperature of highest test temperature and lowest test temperature, as specified in Table 4		P
	cells are charged by using the upper limited charging voltage and maximum charging current, until the charging current is reduced to 0,05 It A, using a constant voltage charging method.		P
	- Upper limit charging voltage	4.25V	P
	- Maximum charging current Specified by the manufacturer of cells		P
	Charging temp. Upper limit	45°C	P
	Charging temp. Lower limit	0°C	P

<b>8.2</b>	<b>Intended use</b>		<b>P</b>
8.2.1	Continuous charging at constant voltage (cells)		P
	Fully charged cells are subjected for 7 days to a charge as specified by the manufacturer.		P
	Results:: No fire, no explosion, no leakage	See below table;	P

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict

Sample No.	Model	Recommended Charging Method, CC, CV, or CC/CV	Recommended Charging Voltage Vc, Vdc	Recommended Charging Current Irec, mA	OCV at Start of Test, Vdc	Results
C01#	602040	CC/CV	4.25	150	4.11	NF,NE,NL
C02#	602040	CC/CV	4.25	150	4.14	NF,NE,NL
C03#	602040	CC/CV	4.25	150	4.13	NF,NE,NL
C04#	602040	CC/CV	4.25	150	4.13	NF,NE,NL
C05#	602040	CC/CV	4.25	150	4.12	NF,NE,NL

supplementary information:

- NF: No Fire
- NE: No Explosion
- NL: No Leakage
- Fire: the emission of flames from a cell or battery.
- Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled.
- Leakage: visible escape of liquid electrolyte.

<b>8.2.2</b>	<b>Moulded case stress at high ambient temperature (battery)</b>			<b>P</b>
	Fully charged batteries according to the first procedure in 8.1.1, the batteries were placed in an air-circulating oven at a temperature of 70°C ± 2°C for 7 hours. Afterwards, they are removed and allowed to return to room temperature.			P
	Results: no physical distortion of the battery casing resulting in exposure if internal components.			P
Sample No.	B01#	B02#	B03#	P
Status	No evidence of mechanical damage No physical distortion of the battery case resulting in exposure of internal components.			

EN 62133: 2013							
Cl.	Requirement –Test				Result		Verdict
<b>8.3</b>	<b>Reasonably foreseeable misuse</b>						<b>P</b>
8.3.1	External short circuit (cell)						P
	Fully charged each cell according to the second procedure in 8.1.2;						P
	Fully charged cells were subjected to a short circuit test at 20°C ± 5°C.						P
	The external resistance of 80±20 mΩ.						P
	The cells were tested for 24 h or until the case temperature declined by 20% of the maximum temperature rise.						P
	Results: no fire, no explosion.						P
	After the test				See below		P
Sample No.	Ambient temperature (At 20°C ± 5°C)	OCV at start of test (Vdc)	Maximum case temperature rise ΔT, (°C)	Resistance of Circuit (mΩ)	Charging temp. Upper limit (°C)	Results	P
C06	25.0	4.20	24.5	81.4	45	NF,NE	P
C07	25.0	4.19	25.4	80.7	45	NF,NE	P
C08	25.0	4.18	25.1	82.2	45	NF,NE	P
C09	25.0	4.19	24.3	81.8	45	NF,NE	P
C10	25.0	4.19	24.9	81.3	45	NF,NE	P
Sample No.	Ambient temperature (At 20°C ± 5°C)	OCV at start of test (Vdc)	Maximum case temperature rise ΔT, (°C)	Resistance of Circuit (mΩ)	Charging temp. Lower limit (°C)	Results	P
C11	25.0	4.19	25.2	81.2	-5	NF,NE	P
C12	25.0	4.19	24.7	79.8	-5	NF,NE	P
C13	25.0	4.18	25.9	82.3	-5	NF,NE	P
C14	25.0	4.20	26.6	81.6	-5	NF,NE	P
C15	25.0	4.19	25.4	79.6	-5	NF,NE	P
supplementary information							

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict

- NF: No Fire  
 - NE: No Explosion  
 - Fire: the emission of flames from a cell or battery.  
 - Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled.

<b>8.3.2</b>	<b>External short circuit (battery)</b>						<b>P</b>
	Fully charged each battery according to the second procedure in 8.1.2;						P
	Fully charged batteries were subjected to a short circuit test at 55°C ± 5°C.						P
	The external resistance of 80±20 mΩ.						P
	The battery pack were tested for 24 h or until the case temperature declined by 20% of the maximum temperature rise.						P
	In case of rapid decline in short circuit current, the battery pack should remain on test for an additional one hour after the current reaches a low end steady state condition. This typically refers to a condition where the per cell voltage (series cells only) of the battery is below 0,8 V and is decreasing by less than 0,1 V in a 30-minute period.						N/A
	Results: no fire, no explosion.						P
	After the test					See below	P
Sample No.	Ambient temperature (At 55°C ± 5°C)	OCV at start of test (Vdc)	Maximum case temperature rise ΔT, (°C)	Resistance of Circuit (mΩ)	Charging temp. Upper limit (°C)	Results	P
B04#	55.0	4.19	24.2	81.5	45	NF,NE	P
B05#	55.0	4.18	24.4	82.7	45	NF,NE	P
B06#	55.0	4.18	25.0	81.7	45	NF,NE	P
B07#	55.0	4.19	25.3	80.1	45	NF,NE	P

EN 62133: 2013							
Cl.	Requirement –Test			Result			Verdict
B08#	55.0	4.19	24.6	81.1	45	NF,NE	P
Sample No.	Ambient temperature (At 55°C ± 5°C)	OCV at start of test (Vdc)	Maximum case temperature rise ΔT, (°C)	Resistance of Circuit (mΩ)	Charging temp. Lower limit (°C)	Results	P
B09#	55.0	4.19	26.7	81.2	-5	NF,NE	P
B10#	55.0	4.18	25.8	81.5	-5	NF,NE	P
B11#	55.0	4.19	26.4	81.7	-5	NF,NE	P
B12#	55.0	4.20	25.5	82.4	-5	NF,NE	P
B13#	55.0	4.19	25.4	81.2	-5	NF,NE	P
supplementary information  - NF: No Fire - NE: No Explosion - Fire: the emission of flames from a cell or battery. - Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled.							

<b>8.3.3</b>	<b>Free fall</b>						<b>P</b>
	Ambient temperature of 20±5°C						P
	Fully charged cells or batteries were dropped 3 times from a height of 1.0 m onto a concrete floor.			Three times			P
	After the test, the cell or battery shall be put on rest for a minimum of one hour and then a visual inspection shall be performed.						
	Results: no fire, no explosion						P
Sample No.	C16#	C17#	C18#				
Status	NF, NE	NF, NE	NF, NE				
Sample No.	B14#	B15#	B16#				
Status	NF, NE	NF, NE	NF, NE				



EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict

supplementary information:

- NF: No Fire
- NE: No Explosion
- Fire: the emission of flames from a cell or battery.
- Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled.

<b>8.3.4</b>	<b>Thermal abuse (cells)</b>		<b>P</b>
	Fully charged cells were placed in a gravity or circulating air-convection oven. The oven temperature was raised at a rate of 5°C/min ± 2°C/min to a temperature of 130°C ±2°C. The cell remained at that temperature for 10 minutes before the test was terminated.		P
	Results: no fire, no explosion		P

After the test (Charging temp. Upper limit 45°C)

Sample No.	C19#	C20#	C21#	C22#	C23#
Status	NF, NE	NF, NE	NF, NE	NF, NE	NF, NE

After the test (Charging temp. Lower limit -5°C)

Sample No.	C24#	C25#	C26#	C27#	C28#
Status	NF, NE	NF, NE	NF, NE	NF, NE	NF, NE

supplementary information:

- NF: No Fire
- NE: No Explosion
- Fire: the emission of flames from a cell or battery.
- Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled.

<b>8.3.5</b>	<b>Crush (cells)</b>		<b>P</b>
	Each fully charged cell, charged according to the second procedure at the upper limit charging temperature in 8.1.2, is immediately transferred and crushed between two flat		P

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict

	surfaces in an ambient temperature.		
	Fully charged cells were crushed between two flat surfaces with a hydraulic ram exerting a force of 13 kN± 1 kN.		P
	The crushing is performed in a manner that will cause the most adverse result.	See below	P
	- Once the maximum force has been applied,		P
	- or an abrupt voltage drop of one-third of the original voltage has been obtained,		N/A
	- or 10 % of deformation has occurred compared to the initial dimension, the force is released (whichever condition occurs first should be the indication that the force should be released).		N/A
	A cylindrical or prismatic cell was crushed with its longitudinal axis parallel to the flat surfaces of the crushing apparatus. Test only the wide side of prismatic cells.		P
	Results: no fire, no explosion.		P

After the test (Charging temp. Upper limit 45°C)

Sample No.	C29#	C30#	C31#	C32#	C33#
Status	NF, NE	NF, NE	NF, NE	NF, NE	NF, NE

After the test (Charging temp. Lower limit -5°C)

Sample No.	C34#	C35#	C36#	C37#	C38#
Status	NF, NE	NF, NE	NF, NE	NF, NE	NF, NE

supplementary information:

- NF: No Fire
- NE: No Explosion
- Fire: the emission of flames from a cell or battery.
- Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled.

<b>8.3.6</b>	<b>Over-charging of battery</b>		<b>P</b>
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EN 62133: 2013							
Cl.	Requirement –Test			Result		Verdict	
	The test shall be carried out in an ambient temperature of +20 °C ±5 °C.					P	
	Each test battery shall be discharged at a constant current of 0,2 It A, to a final discharge voltage specified by the manufacturer.					P	
	A discharged battery was charged from a power supply of 5.0V per cell or not to exceed the maximum voltage supplied by the recommended charger, at a charging current of 2.0 It A.  Total Time of Charging: The test shall be continued until the temperature of the outer casing reaches steady state conditions (less than 10 °C change in 30-minute period) or returns to ambient.					P	
	Results: no fire, no explosion.					P	
	After the test			No fire, no explosion.		P	
Sample no.	Model	OCV at start of test (Vdc)	Maximum Charging Current (mA)	Maximum Charging Voltage (Vdc)	Total Time of Charging (h)	temperature of the outer casing (°C)	Results
B17#	602040	3.21	300	5.0	《0.1	25.2	NF,NE
B18#	602040	3.22	300	5.0	《0.1	23.3	NF,NE
B19#	602040	3.25	300	5.0	《0.1	22.6	NF,NE
B20#	602040	3.27	300	5.0	《0.1	24.3	NF,NE
B21#	602040	3.25	300	5.0	《0.1	23.6	NF,NE
supplementary information: - NF: No Fire - NE: No Explosion - Fire: the emission of flames from a cell or battery. - Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled. Remark: Total time of charging ≤0.1h means the PCB protection in a flash.							

EN 62133: 2013					
Cl.	Requirement –Test			Result	Verdict
<b>8.3.7</b>	<b>Forced discharge (cells)</b>				<b>P</b>
	A discharged cell is subjected to a reverse charge at 1 ItA for 90 min.				P
	Results: no fire, no explosion				P
Sample no.	Model	OCV before application of reverse charge (Vdc)	Measured Reverse Charge It (mA)	Total Time for Reversed Charge Application (Min)	Results
C39#	602040	3.31	150	90	NF,NE
C40#	602040	3.22	150	90	NF,NE
C41#	602040	3.23	150	90	NF,NE
C42#	602040	3.27	150	90	NF,NE
C43#	602040	3.26	150	90	NF,NE
supplementary information: - NF: No Fire - NE: No Explosion - Fire: the emission of flames from a cell or battery. - Explosion: failure that occurs when a cell container or battery case opens violently and major components are forcibly expelled.					

<b>8.3.8</b>	<b>Transport test</b>		<b>P</b>
	Regulations concerning international transport of lithium ion batteries are based on the UN Recommendations on the Transport of Dangerous Goods. Testing requirements are defined in the UN Manual of Tests & Criteria.		P
	Testing laboratory	Shenzhen United Testing Technology Co., Ltd.	P
8.3.9	Design evaluation – Forced internal short circuit (cells)	Only applicable to France, Japan, Korea and Switzerland;	N/A
	1) Number of samples		N/A
	This test shall be carried out on five secondary		N/A

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict
	(rechargeable) lithium-ion cells.		
	2) Charging procedure		N/A
	i) Conditioning charge and discharge		N/A
	ii) Storage procedure		N/A
	iii) Ambient temperature		N/A
	iv) Charging procedure for forced internal short test		N/A
	3) Pressing the winding core with nickel particle		N/A
	No fire.		N/A

<b>9</b>	<b>Information for safety</b>		<b>P</b>
	Information is provided to equipment manufacturers in the form of instructions to minimize and mitigate hazards associated with the cells or batteries in accordance with guidelines outlined in informative Annex B.		P
	Information is provided to end-users in the form of instructions to minimize and mitigate hazards associated with the batteries in accordance with guidelines outlined in informative Annex C.		P

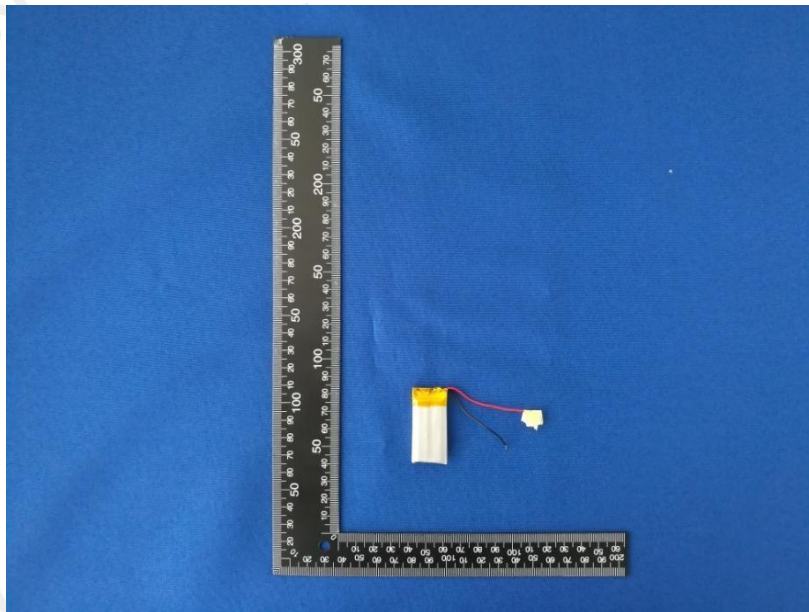
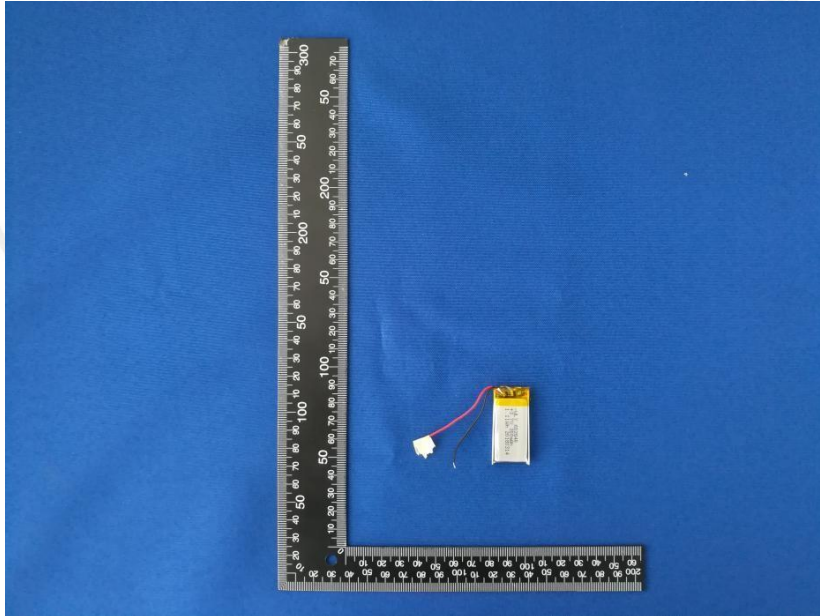
<b>10</b>	<b>Marking</b>		<b>P</b>
<b>10.1</b>	Cell marking	See below	P
	Rechargeable Li or Li-ion	Lithium	P
	Battery designation	Li-ion Battery	P
	Polarity of terminal	On the battery	P
	Date of manufacture	See labeling	P
	Name or identification of the manufacturer or supplier		N/A
	Nominal voltage(V)	3.7V	P

EN 62133: 2013			
Cl.	Requirement –Test	Result	Verdict
	Rated Capacity (mAh)	300mAh	P
<b>10.2</b>	Battery marking		P
	Rechargeable Li or Li-ion	Lithium	P
	Battery designation	Lithium polymer battery	P
	Polarity of terminal	On the battery	P
	Date of manufacture	See labeling	P
	Name or identification of the manufacturer or supplier	Dongguan Wiliyoung Electronics Co., Ltd.	P
	Nominal voltage(V)	3.7V	P
	Rated Capacity (mAh)	300mAh	P
	Caution statement		P
<b>10.3</b>	Other information		P
	Disposal instructions are marked on the battery or supplied in the information packaged with the battery.	See Specification	P
	Recommended charging instruction are marked on the battery or supplied in the information packaged with the battery.	See Specification	P

<b>11</b>	<b>Packaging</b>		<b>P</b>
	Cells or batteries were provided with packaging that was adequate to avoid mechanical damage during transport, handling and stacking. The materials and pack design was chosen to prevent the development of unintentional electrical conduction, corrosion of the terminal and ingress of moisture.		P

## ANNEX A:

### Photo-documentation



\*\*\*End of the report\*\*\*