



扫二维码
关注谱尼测试



Pony Testing International Group

Test Report

NO.: MDF767TN93975712

Date: Jul 12, 2016

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Applicant: Union China International Ltd
Address: Room 1019, Block B, Focal Industrial Center, 21 Man Lok street,
Hungghom, Kowloon, Hong Kong

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name: Li-ion battery

Sample Model: UC57374LI

Sample Received Date: Jul 04, 2016

Testing Period: Jul 04, 2016 to Jul 12, 2016

Testing Item: IP68 test

Referencing Method: IEC60529 (E2.1)-2001

Testing Result: Please refer to next page(s)

Edited by: Wu Li Hua Checked by: He Xianrong Approved by: Ma Ning



PONY 谱尼测试
Pony Testing International Group

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1. Sample Description

Sample Name: Li-ion battery

Sample Status: Solid

2. Test Apparatus

No.	Mode Name	Mode No.	Equip. No.	Valid Cal. date
1	IP test Equipment	KXT302	A1109744	2015/09/06
2	stopwatch	PC396	R070106	2015/10/20
3	Digital rule	(0-200)mm	R0701049	2015/10/22
4	Test probe	φ 1.0mm	A0611463	2015/11/27
5	dust test chamber	KXT1410	A1109745	2015/11/22

3. Temperature and Humidity of the Lab Environment

Temperature(°C) : 23~28

Humidity(%): 55~65

4. Test Condition and Test steps

Part 01: IP6Y(dustproof test)

- 1). Used the test probe with a diameter of 1mm, apply 1N force to sample for all enclosure opening of the sample, verify whether can insert inside of the enclosure.
- 2). Test sample was placed in dust test chamber , then using a vacuum suction pump shell gas extraction, make it as a vacuum (Pump speed: 6 mL/min, < 40 * V samples/hour, the difference of casing pressure and atmospheric is pressure 0.5 KPa).
- 3). When testing, the density of talc in the dust chamber is 2Kg/m³.
- 4). Testing time 8 hours

After the testing ,take out the sample from the dust test chamber and removed dust of the sample outer, then check enclosure inside whether exist dust.

Part 02: IPX8(waterproof test)

- 1) The samples were stored under 1.5meter of water cofferdam
- 2) Duration time : 40min.
- 3) Specimen Status: Don't work.

After the testing, take out the sample from the water and removed water of the sample outer, then check enclosure inside whether exist water or water marking.



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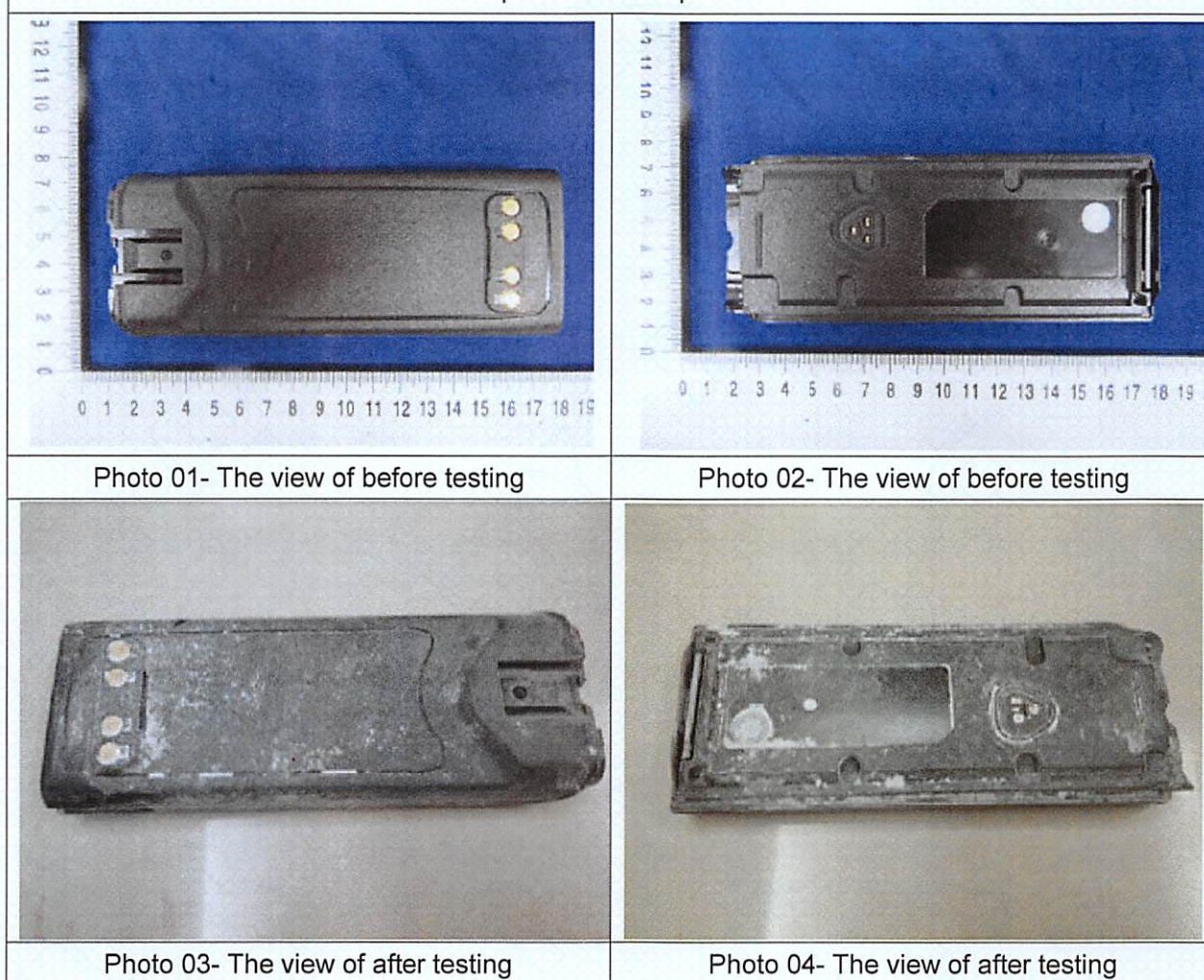
5. Test results

After above test, no found dust and water in enclosure, the sample meet IP68degree, pass

6. Sample No.& Photo

N93975712

The photos for dustproof 1#





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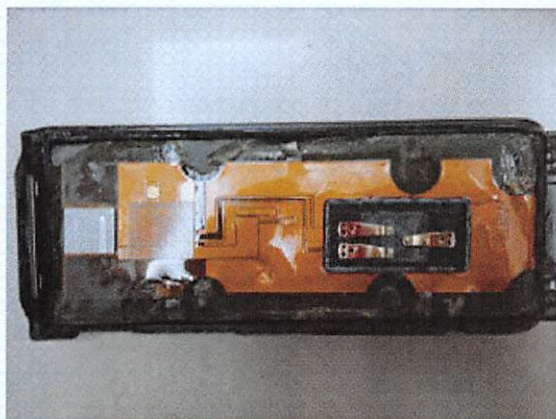


Photo 05- The view of inside after testing



Photo 06- The view of inside after testing

The photos for waterproof 2#

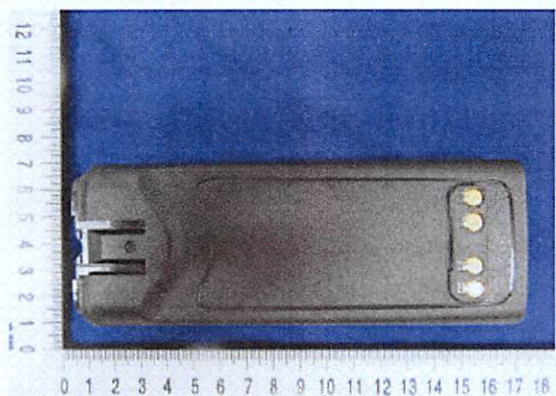


Photo 07- The view of before testing

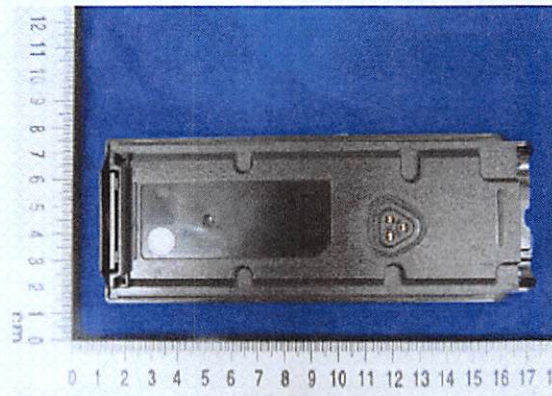


Photo 08- The view of before testing

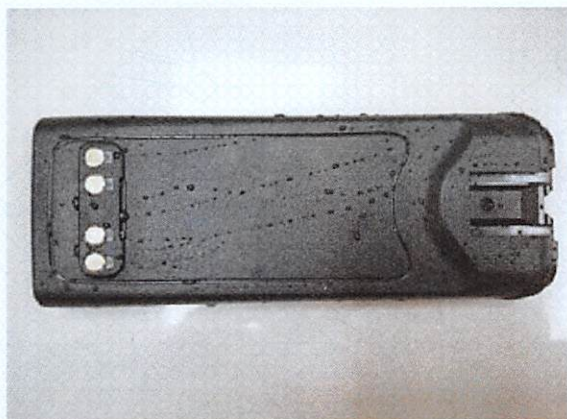


Photo 09- The view of after testing

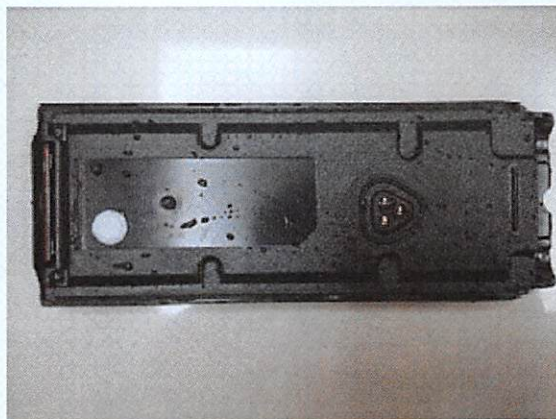


Photo 10- The view of after testing



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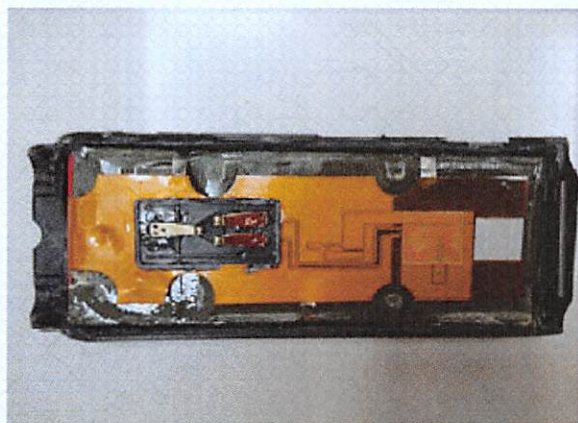


Photo 11- The view of inside after testing



Photo 12- The view of inside after testing

The photos for testing



Photo 13- The view of testing



Photo 14- The view of testing

Authenticate the photo on original report only

*** End of Report***