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Pony Testing International Group

报告编号(Report ID): MLIR9LWB48767521

# UN38.3 测试报告

## UN38.3 Test Report

Sample Description & Model	3.63V,3350mAh Li-Ion Battery LI-CARPBS1S1P/09-055
Applicant	Confidential and proprietary information of RPB Safety LLC
Manufacturer	Confidential and proprietary information of RPB Safety LLC

P O N Y 谱尼测试  
Pony Testing International Group  
www.ponytest.com

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## I、SAMPLE DESCRIPTION

Sample Description	3.63V,3350mAh Li-Ion Battery		Sample Model	LI-CARPBS1S1P/09-055	
Applicant	Confidential and proprietary information of RPB Safety LLC				
Manufacturer	Confidential and proprietary information of RPB Safety LLC				
Nominal Voltage	3.63V	Rated Capacity	3350mAh	Limited Charge Voltage	4.2V
Charge Current	975mA	Maximum Continuous Charge Current	1.625A	End Charge Current	50mA
Cut-off Voltage	2.5V	Maximum Discharge Current	4.875A	Use	Mask light
Cell Number In Each Battery	1PCS	Cell Model	INR18650F1L	Cell Capacity	3350mAh
Electrochemistry System	LiNMC				
Manufacturer of cell	LG				
Entrust date	2017-07-25		Finished date	2017-08-15	

## II、TEST METHOD

UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.6), Part III sub-section.

## III、TEST ITEM

- |                        |                           |
|------------------------|---------------------------|
| 1. Altitude simulation | 5. External short circuit |
| 2. Thermal test        | 6. Impact                 |
| 3. Vibration           | 7. Overcharge             |
| 4. Shock               | 8. Forced discharge       |

## IV、CONCLUSION

ITEM	SAMPLE NUMBER	STANDARD	CONCLUSION
Altitude simulation	N1~N10	UN38.3 ST/SG/AC.10/11/Rev.6	PASS
Thermal test			PASS
Vibration			PASS
Shock			PASS
External short circuit			PASS
Impact	N11~N15		PASS
Overcharge	N16~N19 C1~C4		PASS
Forced discharge	N20~N29 C5~C14		PASS

The Samples has passed the test items of UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.6), Part III sub-section.

Appraiser: *liwei*Checker: *zghmm*Approver: *YiShaobin*

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