



中国认可  
国际互认  
检测  
TESTING  
CNAS L4065



Report No.:  
报告编号: ZPH20200202D01

# 1.2 米 跌落 测试 报告

## 1.2m Drop Test Report

NAME OF SAMPLE: Rechargeable Li-ion Cell

产品名称: 可充锂离子电芯

CLIENT: \_\_\_\_\_

CLASSIFICATION OF TEST: Commission test

检测类别: 委托检测

广州邦禾检测技术有限公司

Guangzhou MCM Certification & Testing Co., Ltd.



## General information

Name of samples 样品名称	Rechargeable Li-ion Cell 可充锂离子电芯		
Type/ Model 型号规格	ICR 18650 3.7V 1800mAh 6.66Wh		
Commission by 委托单位			
Commissioner address 委托单位地址			
Manufacturer 制造商			
Manufacturer address 制造商地址			
Factory 生产厂			
Factory address 生产厂地址			
Appearance 样品外观颜色	Orange 橙色		
Package of goods 样品外包装	Corrugated carton 瓦楞纸箱		
Sample identification 样品标识	P1#		
Tested Method and criterion 测试方法和标准	UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations(20 <sup>th</sup> ) special provisions 188 联合国《关于危险货物运输的建议书 规章范本》(Rev.20) 特殊规定 188 条款		
Accepted date 样品接收日期	2020.03.03	Completed date 测试完成日期	2020.03.03
<b>Test conclusion:</b>			
The package submitted is capable withstanding a 1.2m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents.			
<b>检测结论:</b>			
由珠海鹏辉能源有限公司送检的包装件能够承受 1.2m 跌落试验, 其内包装的电池没有损坏, 没有导致内装电池的移动使其相互接触及内装物泄漏。			
Seal 检测专用章 Date of issue: Mar.31, 2020 签发日期:			

Tested by Ziyang Zhang

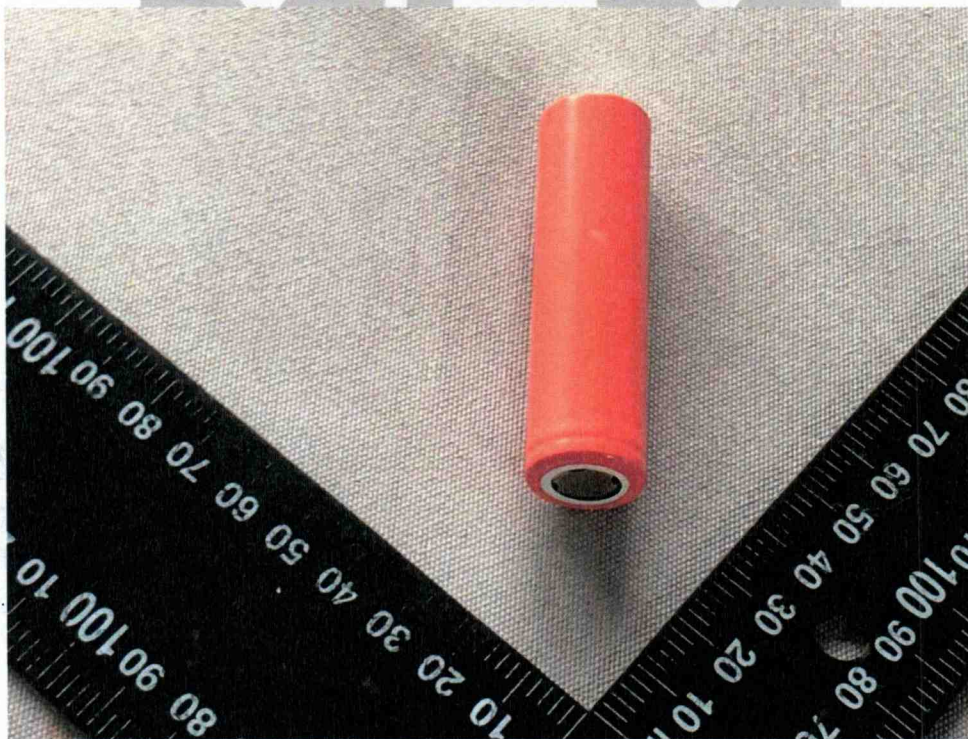
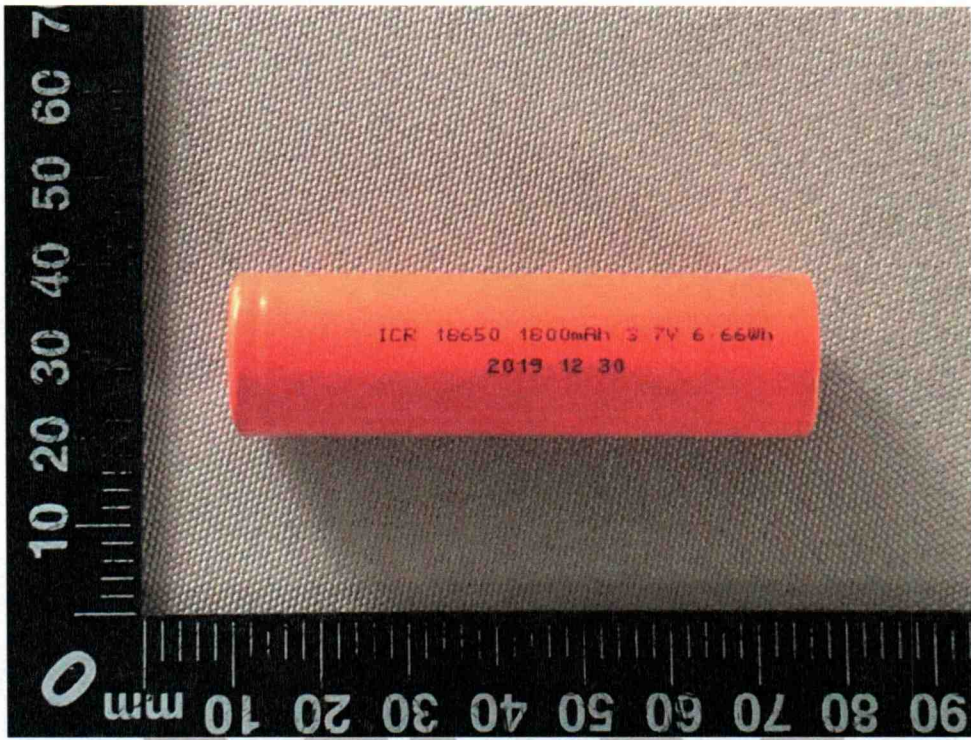
Reviewed by Owen Huang

Approved by Hongbin Xu

测试: Ziyang Zhang审核: Owen Huang批准: Hongbin Xu

Photos of samples and markings  
电池样品照片及标识

Cell (ICR 18650 3.7V 1800mAh 6.66Wh)



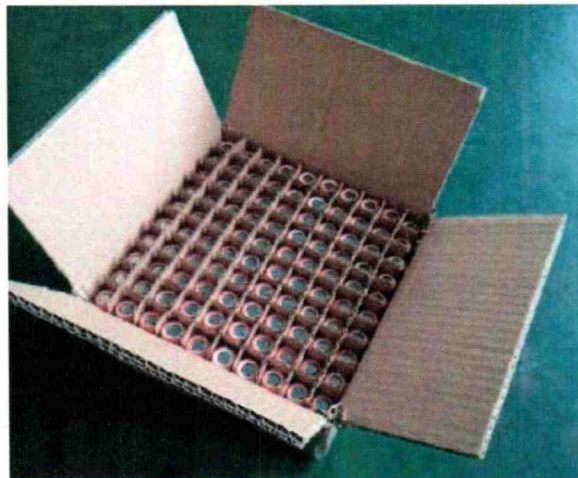
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Photos of samples and markings  
包装样品照片及标识

drop test (before test)



after test



技术  
了  
用章

联合国《关于危险货物运输的建议书 规章范本》(Rev.20) 特殊规定 188 条款 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations(20 <sup>th</sup> ) special provisions 188			
Clause 章节	Requirements 标准要求	Result 测试结果	Verdict 判定
<b>Drop test / 跌落测试</b>			<b>P</b>
<b>1.1</b>	<b>Test procedure/ 测试步骤</b>		<b>P</b>
	The package of batteries is dropped from 1.2m in any orientation. The test floor is concrete floor/ 电池的包装件以任意方向从 1.2 米跌落至水泥地面		<b>P</b>
	Each package is capable of withstanding a 1.2m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery (or cell to cell) contact and without release of contents./ 每个电池的包装件以任意方向从 1.2 米跌落, 而没有造成包装件内的电池或电芯的损坏, 也没有移动包装件内的电池或电芯使其相互接触以及包装件内的电池或电芯漏出。		<b>P</b>
<b>1.2</b>	<b>Package information/包装信息</b>		<b>P</b>
	Package weight (kg) 包装重量 (kg)	4.80	—
	Package size(mm) 包装箱尺寸 (mm)	325×325×110	—
	Net weight of batteries or cells per package (kg) 单个包装件内电池或电芯的净重量 (kg)	4.37	<b>P</b>
	number of batteries or cells per package (pcs) 包装件内含电池或电芯的数量 (pcs)	100	<b>P</b>
<b>1.3</b>	<b>Requirements/ 标准要求</b>		<b>P</b>
	No battery is damaged or connected by neighbor, the battery should not be released from package. 包装件内的电池或电芯无损坏, 无相互接触; 包装件内的电池或电芯不能从包装件漏出。	Surface 面跌落	The package is not cracked, the contents are not damaged and not shifted. 包装未破裂, 内装物完好。
		Arris 棱跌落	The package is not cracked, the contents are not damaged and not shifted. 包装未破裂, 内装物完好。
		Angle 角跌落	The package is not cracked, the contents are not damaged and not shifted. 包装未破裂, 内装物完好。

# 注 意 事 项

## Important

1. 本报告无检测单位检测专用章、骑缝章无效。

The test report is invalid without the special seal for testing and Paging seal of Guangzhou MCM Certification & Testing Co., Ltd..

2. 未经本试验室书面同意，不得部分地复制本报告。

Nobody is allowed to photocopy or partly photocopy this test report without written permission of Guangzhou MCM Certification & Testing Co., Ltd..

3. 本报告无批准人、审核人及检测人签名无效。

The test report is invalid without the signatures of Approver, Checker and Tester.

4. 本报告涂改无效。

The test report is invalid if altered.

5. 对检测报告若有异议，应于收到报告之日起十五天内向检测单位提出。

Objections to the test report must be submitted to Guangzhou MCM Certification & Testing Co., Ltd. within 15 days.

6. 本报告仅对来样负责。

The test report is valid for the tested samples only.

7. 本检测结果中“N”表示“不适用”，“P”表示“通过”，“F”表示“不通过”。

As for the test result, "N" means "not applicable", "P" means "pass" and "F" means "fail".

**检测单位：**广州邦禾检测技术有限公司

Laboratory: Guangzhou MCM Certification & Testing Co., Ltd.

**地 址：**中国 广州市番禺区市广路钟三路段 13 号之一

Address: 1 F No.13, Zhong San Section, ShiGuang Road, Panyu District, Guangzhou City, Guangdong Province, China.

电 话: 0086-20-34777662

0086-20-34777663

传 真: 0086-20-34777665-609

**Email:** [mark.miao@mcmtek.com](mailto:mark.miao@mcmtek.com)

**WEB:** [Http://www.mcmtek.com](http://www.mcmtek.com)

