

锂电池跌落测试报告

Lithium Battery Drop Test Report

报告编号: LA2024B0733001D
Report No.:

样品名称
Samples

锂离子电池
Lithium-ion Battery

样品型号
Model

LX 18650 3400mAh

委托单位
Applicant

东莞市力兴电池有限公司
Dongguan LIXING Battery Co., Ltd.

签发日期
Issue Date

2024-05-31

深圳市莱恩瑞斯科技有限公司
Shenzhen Lionaces Technology Co., Ltd.

报告专用章

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1. 样品描述 Sample Description

电池描述 Battery Description					
电池名称 Sample Name		锂离子电池 Lithium-ion Battery			
样品型号 Sample Model		LX 18650 3400mAh		电池规格 Battery specification	3.6V, 3400mAh, 12.24Wh
实验室 Laboratory		深圳市莱恩瑞斯科技有限公司 Shenzhen Lionaces Technology Co., Ltd.			
实验地址 Testing Address		深圳市宝安区福海街道和平社区永和路骏丰工业区 B6 栋 301 301, Building B6, Junfeng Industrial Zone, Yonghe Road, Heping Community, Fuhai Street, Baoan, Shenzhen, Guangdong, China			
委托单位 Applicant		东莞市力兴电池有限公司 Dongguan LIXING Battery Co., Ltd.			
委托单位地址 Applicant Address		广东省东莞市大岭山镇颜屋龙园路 42 号 2 栋 201 室 Room 201, Building 2, No. 42 Longyuan road, Yanwu Dalingshan town, Dongguan, Guangdong, P.R.China			
生产单位 Manufacturer		东莞市力兴电池有限公司 Dongguan LIXING Battery Co., Ltd.			
生产单位地址 Manufacturer Address		广东省东莞市大岭山镇颜屋龙园路 42 号 2 栋 201 室 Room 201, Building 2, No. 42 Longyuan road, Yanwu Dalingshan town, Dongguan, Guangdong, P.R.China			
包装件描述 Packaging Description					
外包装 Outer package		瓦楞纸箱 Corrugated carton		内包装 Inner package	纸盒 Paper Box
衬垫材料 Cushion		纸卡 Paper Card		包装件尺寸 Dimension	430mm*220mm*176mm
包装件毛重 Gross weight		9.0Kg		电池尺寸 Battery dimension	Φ18.68mm*69.07mm
包装件电池净重 Net weight		7.94Kg		电池数量 Battery number	162Pcs
收样日期 Receiving Date		2024-05-17		完成日期 Completing Date	2024-05-31
包装方式 Packaging type		包装箱内含锂电池。 Package including lithium batteries .			
主检人: Prepared by		审核人: Checked by		批准人: Approved by	

2. 参考方法 Reference Method

(ST/SG/AC.10/1/Rev.22)《联合国关于危险品运输建议书——规章范本》
《Recommendations On The Transport Of Dangerous Goods-Model Regulations》

3. 测试项目 Test Item

1.2 米跌落试验、包装件毛重测试
1.2m Drop test、Gross Weight Measure

4. 测试方法 Test Method

每个装有电池的包装件需要做 6 次 1.2m 自由跌落。
The package of batteries is dropped from 1.2m, 6 times per package.

5. 测试设备 Test equipment

LA-BT-E011 包装跌落试验机 Packing drop tester
LA-BT-E102 电子天平秤 Electronic balance

6. 实验室环境条件 Test Environment Condition

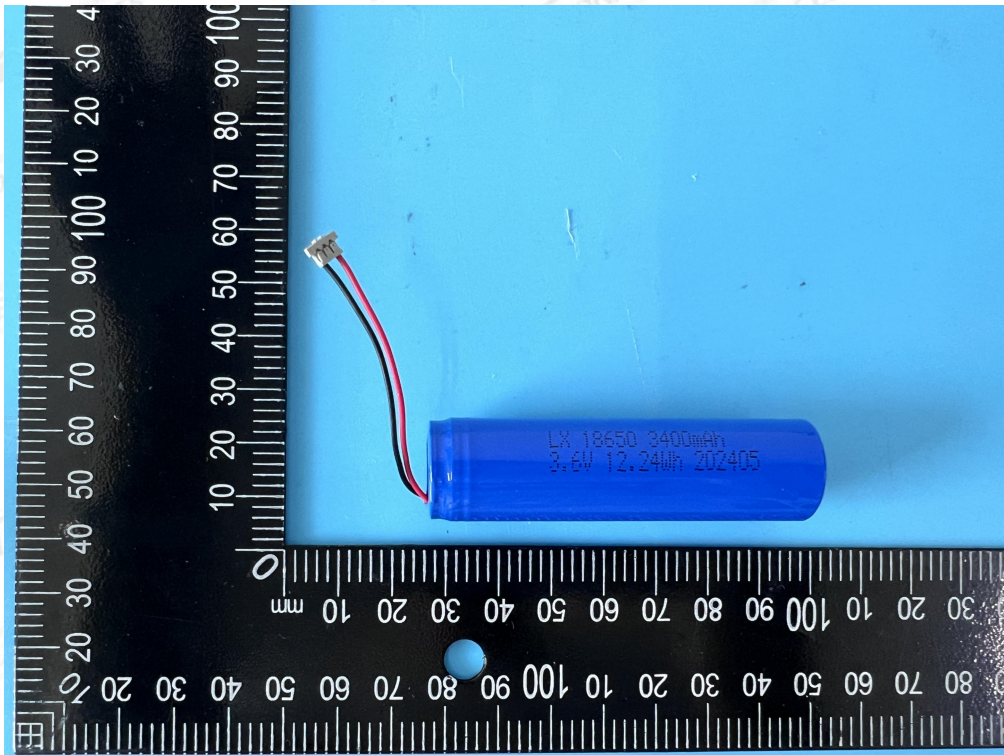
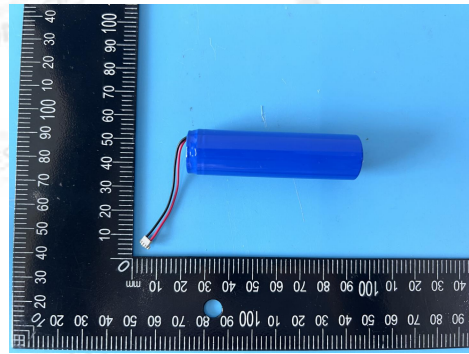
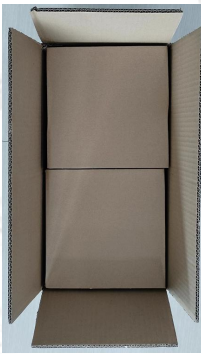
温度 Ambient temperature: 20~25 (°C)
相对湿度 Ambient humidity: 50~60 (%)

7. 测试结果 Test Data

测试项目 Test Item	测试结果 Test Result	结论 Conclusion
1.2m (面、棱、点跌落) (Side\Edge\Angle)	1、包装件内的电池没有破损或泄漏 2、内装物没有移动, 并且没有导致电池与电池 (或 电池芯与电池芯) 相互接触 3、内装物没有泄漏 1, Without damage to cells or batteries contained therein; 2, Without shifting of the contents so as to allow battery to battery (or cell to cell) contact; 3, Without release of contents.	被测试包装件能够承受 1.2 米跌落试验 The test package is capable of withstanding a 1.2m drop test in any orientation.
包装件毛重测试 Gross Weight Measure	9.0Kg	合格 Pass

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8. 样品图片 Sample Photo



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