

堆码检测报告

Stacking Test Report

包装件名称: 可充电锂离子电池瓦楞纸箱

Name of Package: Rechargeable Lithium ion Battery corrugated case

申请商名称: 东莞市力兴电池有限公司

Applicant's name: Dongguan Lixing Battery Co., Ltd

深圳市北航检测有限公司
Shenzhen Beihang Testing Co., Ltd.



General information(基本资料)					
包装件名称 Name of Package		可充电锂离子电池瓦楞纸箱 Rechargeable Lithium ion Battery corrugated case			
申请商名称 Applicant's name		东莞市力兴电池有限公司 Dongguan Lixing Battery Co., Ltd			
申请商地址 Applicant's 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, Yanwu Longyuan Road, Dalingshan Town, Dongguan City, Guangdong Province			
制造商名称 Manufacturer's name		东莞市力兴电池有限公司 Dongguan Lixing Battery Co., Ltd			
制造商地址 Manufacturer's 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, Yanwu Longyuan Road, Dalingshan Town, Dongguan City, Guangdong Province			
包装容器生产企业名称 Manufacturer's name of packaging container		佛山市南海越泽纸业制品厂 Foshan Nanhai Yueze Paper Products Factory			
包装容器生产企业地址 Manufacturer's address of packaging container		佛山市狮山镇小塘新境工业区新达路自编 8 号 No. 8, Xinda Road, Xiaotang Xinjing Industrial Zone, Shishan Town, Foshan City			
包装件内产品 Products in the package		可充电锂离子电池 11500 (3.7V, 500mAh, 1.85Wh) Rechargeable Lithium ion Battery 11500 (3.7V, 500mAh, 1.85Wh)			
包装件尺寸 (mm) Package size (mm)		445 (L) *340 (W) *210 (H)	试验预处理环境 Test pretreatment environment	23±2℃ 50±2RH (100%)	
包装件重量 (kg) Package Weight (Kg)		5.3	密封装置 Sealing device	胶带 Tapes	
衬垫材料 Packaging auxiliaries		吸塑盘 Blister tray	测试施加重量 (kg) Test applied weight	100.0	
试验样品数量 Number of test samples		3PCS	包装件电池数量 Battery number per Packaging	400PCS	
测试标准 Testing standard		联合国《关于危险货物运输的建议书规章范本》第二十三修订版 (第二卷) 第 6.1.5.6 条款 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" - Model Regulations, 23rd Revision, (ST/SG/AC.10/1/Rev.23)(Vol. II), 6.1.5.6 terms.			
备注 Remark		准备提交运输的包装已按照本章的有关要求进行试验, 使用其他打包方法或部件可能使其失效 Packages to be submitted for transport have been tested in accordance with the relevant requirements of this Chapter and may be invalidated by other packing methods or components.			
检测结论 Certification		包装符合堆码试验要求 The packaging meets the requirements of stacking test.			
检测日期 Tested Date		2024-12-15	签发日期 issue Date	2024-12-18	
主检: Tester:	张杰荣	审核: Reviewer:	姚俊峰	批准: Approval:	商宝莹

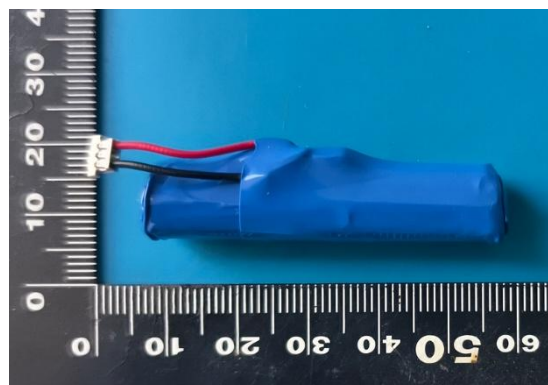


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(ST/SG/AC.10/1/Rev.23)			
章节 Clause	要求 Requirements	结果 Result	判定 Verdict
6.1.5.6	堆码试验/Stacking Test	符合 Complied	通过 PASS
	除袋以外,所有设计类型的包装都应该进行堆码试验。 All design types of packaging, except bags, should be subjected to stacking tests.	符合 Complied	通过 PASS
6.1.5.6.1	试验样品数量/ Number of test samples	符合 Complied	通过 PASS
	每种设计类型和每个制造厂家 3 个试验样品。 Three test samples per design type and per manufacturer.	符合 Complied	通过 PASS
6.1.5.6.2	试验方法/Test method	符合 Complied	通过 PASS
	在试验样品的顶部表面施加一力量,此力相当于运输时可能堆叠在它上面的同样数量包装件的总重量。如果试验样品内装的液体相对密度与待运液体的不同,则该力应按后者计算。包括试验样品在内的最小堆码高度应该是 3 米。试验时间为 24 小时,但拟装液体的塑料桶、罐和复合装 6HH1 和 6HH2,应该在不低于 40℃ 的温度下经受 28 天的堆码试验。 A force is applied to the top surface of the test sample equal to the total weight of the same number of packages that may be stacked on it when transported. If the relative density of the liquid in the test sample is different from that of the liquid to be transported, the force shall be calculated as the latter. Minimum stacking height including test sample shall be 3 m. The test time is 24 hours, but the plastic drums, cans and composite packages 6HH1 and 6HH2 to be filled with liquid shall be subjected to stacking tests for 28 days at a temperature of not less than 40°C.	符合 Complied (3m,24h)	通过 PASS
6.1.5.6.3	通过试验的标准/Pass the test criteria	符合 Complied	通过 PASS
	试验样品不得泄漏。对复合或组合包装而言,不得有所装物质从内贮器和内包装中漏出。试验样品不得显出可能对运输安全有不利影响的损坏,或者可能降低其强度或造成包装件堆码不稳定的变形。在进行评估之前,塑料包装应该冷却至环境温度。 Test sample shall not leak. In the case of composite or combined packaging, no contained material shall escape from the inner receptor and the inner packaging. The test sample shall not show any damage which may adversely affect the safety of transport, or deformation which may reduce its strength or cause unstable stacking of the package. Plastic packaging should be cooled to ambient temperature prior to evaluation.	符合 Complied	通过 PASS

Photo Documentation (样品图片)



Equipment List (试验仪器设备清单)

序号 No.	名称 Name	型号 Model	设备编号 Series No.
1	包装抗压试验机 Packaging compression testing machine	BT-S-1000L	SZ-057
2	温湿度计 Temperature and humidity	8838	SZ-048
3	钢尺 Steel rule	L-150	SZ-060
4	监视器	中沃	SZ-066

声明

STATEMENT

1.本次检测所用的测量设备的量值均可以溯源到国家计量标准。

The equipment lists are traceable to the national reference standards.

2.检测报告未经本实验室书面批准，不得部分复制。

The test report can not be partially copied unless prior written approval is issued from our lab.

3.检测报告未加盖“检测专用章”无效。

The test report is invalid without the "special seal for inspection and testing".

4.检测报告无批准人员签字无效。

The test report is invalid without the signature of the approver.

5.本次检测的结果仅对所检测样品有效。

The test process and test result is only related to the Unit Under Test.

6.样品的相干信息由委托单位提供，实验室不对其真实性负责。

The coherence information of samples is provided by the entrusted unit, and the laboratory is not responsible for its authenticity.

7. 无 CNAS 标志的检测报告，仅供科研、教学、企业产品研发、及内部质量控制目的用。

No CNAS mark test report, only for scientific research, teaching, enterprise product development, and internal quality control purposes.

8.本实验室的质量体系符合 ISO/IEC17025 标准的要求。

The quality system of the laboratory meets the requirements of ISO/IEC17025 standards.

9.如对本检测报告有异议，可收到检测报告后 15 天内向本单位申诉，逾期不予受理。

If you object to the test report, you can appeal to the unit within 15 days after receiving the test report, and the time limit will not be accepted.

检测单位： 深圳市北航检测有限公司

Test Lab Shenzhen Beihang Technology Co., Ltd.

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--测试报告结束 End of Test Report--