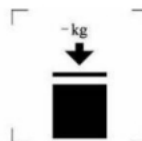


Stacking Test Report

堆码试验报告



Name of Goods:

物品名称:

Polymer Lithium-ion Battery JH 553147 3.85V
1100mAh 4.24Wh

聚合物锂离子电池 JH 553147 3.85V 1100mAh
4.24Wh

Battery Model:

电池型号:

JH 553147

Type:

规格:

3.85V 1100mAh 4.24Wh

Applicant:

申请商:

Seeed Technology Co.,Ltd

深圳矽递科技股份有限公司

Classification of test:

检测类别:

Commission Test

委托测试

Tested:

主检员:

Hina Gan 甘菜康

Approved:

批准人:

Key Yang 杨力泽

Reviewed:

审核:

Jammy Chao 卓晓全

Date of Issue:

签发日期:

2026.06.26

Shenzhen BTI Testing & Technology Co., Ltd.

深圳市信宝检测技术有限公司



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Manufacturer of Package Parts 包装件生产商	ShenZhen Jinghao Energy Technology CO.,Ltd 深圳市晶昊能源科技有限公司		
Manufacturer of Package Parts's Address 包装件生产商地址	602, Building 4, No. 3, Huachang Road, Langkou Community, Dalang Street, Longhua District, Shenzhen 深圳市龙华区大浪街道浪口社区华昌路3号4栋602		
Packaging Manufacturer 包装生产商	Shenzhen Hongjingcheng Packaging Products Co., Ltd 深圳市宏景程包装制品有限公司		
Materials of Package 包装材质	Corrugated cardboard 瓦楞纸板	Sample Characteristics and Status 样品特性和状态	Intact 完好
Closure of Package 包装封口	Tapes 胶带	Equipment Number of Per Package 每包装件设备数量	--
Number of batteries per package 每包装件电池数量	500 PCS	Package Dimension (mm) 包装件尺寸 (mm)	L×W×T: 295×245×167
Battery Dimension (mm) 电池尺寸 (mm)	L×W×T: 49.5×31.5×5.8	Packaging Weight With Filled Materials 包装件重量	10.3 Kg
Net Weight of Batteries Per Package 每包装件电池的净重	8.698 Kg	Number of Samples Sent 送样数量	Three boxes 3箱
Outer Packaging 外包装	Corrugated Case 瓦楞纸箱	Inside packaging 内包装	Blister tray 吸塑托盘
Receiving Date 收样日期	2026.06.22	Completing Date 测试日期	2026.06.22 - 2026.06.24
Test Standard 测试标准	ST/SG/AC.10/1 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations (Rev.23) 6.1.5.6 联合国《关于危险货物运输的建议书 规章范本》(23修订版) 6.1.5.6		
Test environment conditions 试验环境条件	Ambient temperature: 23±2°C, Ambient humidity: 50%±2%. 环境温度: 23±2°C, 环境湿度: 50%±2%。		
Test Item 试验项目	Stacking test 堆码试验		
Test Conclusion 检测结论	The test results are qualified. 测试结果为合格的。		
Remark 备注	--		

Test Item 检测项目

Stacking test 堆码试验

Test Method 测试方法

All design types of packages should undergo stacking test, except for bags.

除袋以外，所有设计类型的包装都应进行堆码试验。

6.1.5.6.1

Number of test samples: three test samples per design type and manufacturer.

试验样品数量：每种设计类型和每个制造厂家3个试验样品。

6.1.5.6.2

Test method: the test sample shall be subjected to a force applied to the top surface of the test sample equivalent to the total weight of identical packages which might be stacked on it during transport; where the contents of the test sample are liquids with relative density different from that of the liquid to be transported, the force shall be calculated in relation to the latter. The minimum height of the stack including the test sample shall be 3 meters. The duration of the test shall be 24 hours except that plastics drums, jerricans, and composite packages 6HH1 and 6HH2 intended for liquids shall be subjected to the stacking test for a period of 28 days at a temperature of not less than 40°C.

试验方法：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是3米。试验时间为24小时，但拟装液体的塑料桶、罐和复合包装6HH1和6HH2，应在不低于40℃的温度下经受28天的堆码试验。

6.1.5.6.3

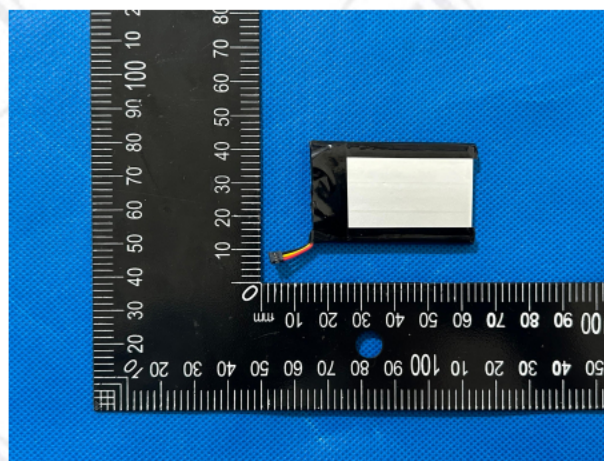
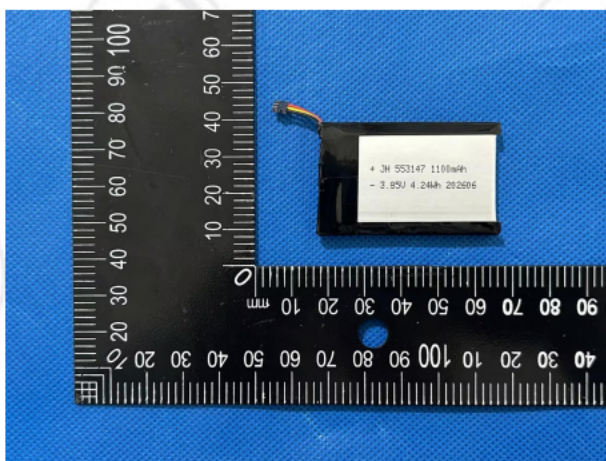
Criterion for passing the test: no test sample may leak. In composite packages or combination packages, there shall be no leakage of the filling substance from the inner receptacle or inner packaging. No test sample may show any deterioration which could adversely affect transport safety or any distortion liable to reduce its strength or cause instability in stacks of packages. Plastics packages shall be cooled to ambient temperature before the assessment.

通过试验的标准：试验样品不得泄漏。对复合或组合包装而言，不得有所装的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，塑料包装应冷却至环境温度。

Test result 测试结果

Test Item 测试项目	Applied load (kg) 施加载荷 (kg)	Applied time (h) 施加时间 (小时)	Conclusion 结论
Stacking test 堆码试验	175.1	24h/PCS 24小时/每件	Pass 合格

Photos 照片



注意事项

Important

1. The test report is invalid if it is not affixed the official seal of the laboratory to it.
检测报告无本实验室公章(或检验检测专用章)无效。
2. Copies of the test report without the official seal of the laboratory are invalid.
复制检测报告未重新加盖本实验室公章(或检验检测专用章)无效。
3. It is forbidden to copy the test report partially without the written approval of the laboratory.
未经本实验室书面批准不得部分复制检测报告。
4. The test report is invalid without the signatures of Approver, Reviewer and Testing engineer.
检测报告无检测、审核、批准人签名无效。
5. The test report is invalid if it is blotted out.
检测报告涂改无效。
6. Objections to the test report must be submitted to BTI within 15 days.
对检测报告若有异议，应于收到报告之日起十五天内向深圳市信宝检测技术有限公司提出。
7. As for the Verdict, "--" means "no need for judgement", "P" means "pass", "F" means "fail" and "N/A" means "not applicable".
判定栏中“—”表示“不需要判定”，“P”表示“通过”，“F”表示“不通过”，“N/A”表示“不适用”。
8. This report is only responsible for the test results of the tested samples, and the test results and related judgment conclusions only reflect the evaluation of the tested samples.
本报告仅对所测试样本的测试结果负责，测试结果及相关的判断结论仅反映对所测试样本的评估。

---End of Report---

---报告结束---