



中国认可
国际互认
检测
TESTING
CNAS L24304

3m Stacking Test Report

3m堆码试验报告

Report No.
报告号 : 1815C50681312703

Client Name
委托单位 : Shenzhen Grepow Battery Co., Ltd.
深圳市格瑞普电池有限公司

Client Address
单位地址 : Complex building (1st to 3rd floor) ,2nd
building (1st to 4th floor) ,1st building (1st to
4th floor) ,Shenzhen Grepow Battery Co.,Ltd,
Huarong Road Gaofeng Community,Dalang
Street,Longhua District,Shenzhen City
深圳市龙华区大浪街道高峰社区华荣路格瑞普第1
栋1层及2-4层、2栋(1-4层)、综合楼(1-3
层)

Product Name
产品名称 : Lithium ion battery pack
锂离子电池组

Report Date
报告日期 : 2025-12-31

Guangdong Anbotek Testing Co., Ltd.
广东安博检测有限公司



1. SAMPLE DESCRIPTION 样品描述:

Manufacturer of Package: 包装件生产单位	Shenzhen Grepow Battery Co., Ltd. 深圳市格瑞普电池有限公司		
Manufacturer of Packaging: 包装生产单位	Shenzhen Xinlonghui Paper Packaging Materials Co., Ltd 深圳市鑫龙辉纸品包装材料有限公司		
Battery name 电池名称	Lithium ion battery pack 锂离子电池组	Battery model 电池型号	GSQHBR60015JST3P
Nominal Voltage: 标称电压	7.4V	Rated Capacity: 额定容量	600mAh/4.44Wh
Dimensions: 包装尺寸	(L300*W200*H240)mm	Gross weight per package: 每包装件毛重	3.49kg
Outer packing materials 外包装材料	Corrugated carton 硬板纸箱	Inside packing materials 内包装材料	Independent packaging 独立小包装
Battery Number 电池数量	80 pcs/Packing		
Theoretical Load: 加载的负荷	41.9kgf		
Other description 其他说明	None 无		
Date of Sample Received: 样品接收日期	2025-12-24		
Date of Test: 检测日期	2025-12-24 to 2025-12-26		
Tested by 测试			
Checked by 审核			
Approved by 批准			

2. REFERENCE METHOD 参考方法

UN Recommendations on the Transport of Dangerous Goods-Model Regulations Volume II
(Twenty-third revised edition) ST/SG/AC.10/1/Rev.23 (Vol.II) 6.1.5.6

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）
ST/SG/AC.10/1/Rev.23 (Vol.II) 6.1.5.6

3. TEST ITEM 测试项目

Stacking Test
堆码试验

4. TEST REQUIREMENT 测试要求

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 packagings 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.
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，但拟装的塑料桶、罐和复合包装6HH1和6HH2，应在不低于40°C的温度下经受28天的堆码试验。

No test sample may leak. In composite packagings or combination packagings, 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 packagings shall be cooled to ambient temperature before the assessment.

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，塑料包装应该冷却至环境温度。

5. EQUIPMENT LIST 设备清单

Name of equipment/Model
设备名称

Touch screen carton compression tester
触摸屏式纸箱抗压试验仪

6. TEST ENVIRONMENT CONDITION 实验室环境条件

Temperature 温度 R.H. 相对湿度
(23±2)°C (50±2)%RH

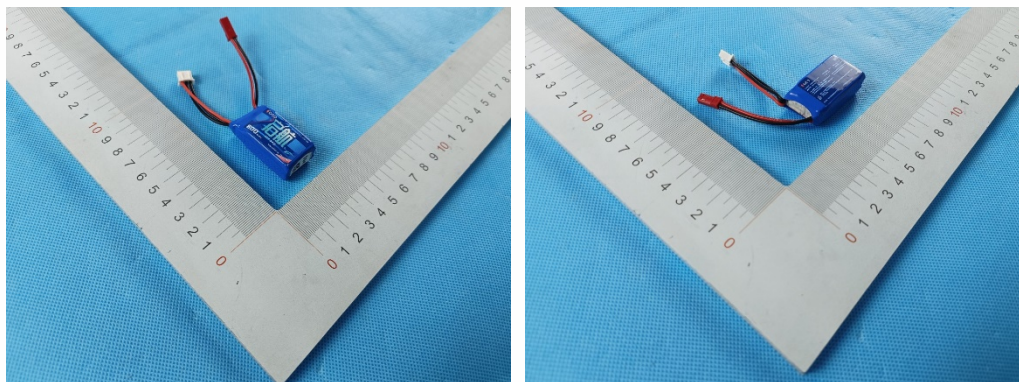
7. TEST DATA 测试结果

Sample No 样品编号	Test Result 试验结果	Conclusion 结论
P1	电池无受损、包装件未破损、无泄漏、无变形	经测试，该样品符合联合国《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）6.5.1.6的堆码试验 The sample has passed the items of UN Recommendations on the Transport of Dangerous Goods-Model Regulations Volume II (Twenty-third revised edition) ST/SG/AC.10/1/Rev.23 (Vol.II) 6.1.5.6. Stacking Test
P2	电池无受损、包装件未破损、无泄漏、无变形	
P3	电池无受损、包装件未破损、无泄漏、无变形	

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8. PHOTOS OF THE SAMPLE 样品照片

Battery 电池



产品型号: GSQHBR60015JST3P	充电限制电压: 8.4V	额定电压: 7.4V
额定容量: 600mAh	串并数: 2S1P	额定功率: 4.44Wh

Package 包装件



DECLARATION

声明

1. Test place Lab: Guangdong Anbotech Testing Co., Ltd.
Address: Building C, No. 76, Huifeng 4th Road, Zhongkai High-tech Zone, Huizhou, Guangdong, China
测试实验室: 广东安博检测有限公司
地址: 广东省惠州市仲恺高新区惠风四路76号 (厂房C)
2. This report shall not be revised and deleted.
本报告不能修改和删除。
3. The test results presented in this report are only relevant to the test sample.
本报告出现的试验结果仅与试验样品有关。
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-- End of report --

-- 报告结束 --