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中国认可
国际互认
检测
TESTING
CNAS L0095

No.: GJW2025-7074

检 测 报 告

TEST REPORT

1.2m 跌落
1.2m Drop Test

NAME OF SAMPLE: 产品名称：	Package for Rechargeable Li-ion Battery Pack 锂离子电池组的包装件
CLIENT: 委托单位：	Shenzhen BYD Lithium Battery Company Limited 深圳市比亚迪锂电池有限公司
CLASSIFICATION OF TEST: 检测类别：	Commission Test 委托测试

威凯检测技术有限公司
CVC Testing Technology Co., Ltd.

检验检测专用章

检 测 报 告

TEST REPORT

Name of samples: Package for Rechargeable Li-ion Battery Pack 样品名称: 锂离子电池组的包装件	Battery type/Model: 电池型号规格: EMA330200174025028064（DMBP6445）64V 45Ah 2880Wh
Commissioned by: Shenzhen BYD Lithium Battery Company Limited 委托单位: 深圳市比亚迪锂电池有限公司	Commissioner address: No.3001, Baohe Road, Baolong Industry Zone, Longgang Street, Longgang, Shenzhen, Guangdong Province, P.R. China 委托单位地址: 中国广东省深圳市龙岗区龙岗街道宝龙工业城宝荷路 3001 号
Manufacturer: Shenzhen BYD Lithium Battery Company Limited 制造商: 深圳市比亚迪锂电池有限公司	Manufacturer address: No.3001, Baohe Road, Baolong Industry Zone, Longgang Street, Longgang, Shenzhen, Guangdong Province, P.R. China 制造商地址: 中国广东省深圳市龙岗区龙岗街道宝龙工业城宝荷路 3001 号
Factory: Guiyang FinDreams Battery Co., Ltd. 生产厂: 贵阳弗迪电池有限公司	Factory address: No.1, Keyu Road, Shawen Town, Guiyang High-tech Zone, Guizhou 生产厂地址: 贵州省贵阳市高新区沙文镇科育路 1 号
Classification of test: Commission Test 检测类别: 委托测试	Quantity of sample: 5 packages 样品数量：5 个包装
Tested according to: 测试标准: ST/SG/AC.10/1/Rev.23	Sample identification: 样品标识序号: p1#~p5#
Receiving date: 接样日期：2025-11-18	Means of receiving: Submitted by commissioner 接样方式：委托单位送样
Completing date: 完成日期：2025-11-27	Test item: 1 item 测试项目： 1 项

Test conclusion:
检测结论:

The 1,2m drop test of the packages for Rechargeable Li-ion Battery Pack submitted by Shenzhen BYD Lithium Battery Company Limited is tested according to the 23rd Revised Edition of the Recommendations on the Transport of Dangerous Goods, Model Regulations (ST/SG/AC.10/1/Rev.23).

由深圳市比亚迪锂电池有限公司送检的锂离子电池组的包装件 1,2m 跌落测试依据《关于危险货物运输的建议书 规章范本》第 23 修订版进行检测。

The test results comply with the relevant requirements of ST/SG/AC.10/1/Rev.23.

试验结果符合《关于危险货物运输的建议书 规章范本》第 23 修订版相关要求。

Seal of CVC
CVC 盖章
Date of issue:
签发日期: 2025-11-28

Title: 批准人职务：	Manager 经理				
Approved by: 批 准：	Zhang Siyao Zhang Siyao	Reviewed by: 审 核：	Zheng Feida Zheng Feida	Tested by: 检 测：	Jiang Weiwei Jiang Weiwei

Description and illustration of the sample:
样品说明及描述：

The info of package 包装件信息	
Package No. 包装件编号	p1#~p5#
Package weight 包装件重量	25kg
Battery net weight 电池净重	24kg
Battery Number 电池个数	1pc
Package size 包装件尺寸	242mm*222mm*412mm
外包装材料 the material of outer packaging	
■Corrugated carton 硬板纸箱 □wood carton 木板箱 □其他 other:	
能完全装入样品的内包装方式 the manner of inner packaging that can be completely enclose the samples	
■泡沫材料 Foam material □吸塑盘 Plastic disc □纸板隔板 Paper divider □塑料气泡与珍珠棉 Plastic bubble and pearl cotton □单一封口塑料袋 Single sealing plastic bags □塑料气垫 Plastic air cushion □独立小包装 Independent packaging □其他 other:	

Description of the sampling procedure:
取样程序的说明:

/

Description of the deviation from the standard, if any:
测试结果不符合标准项的说明:

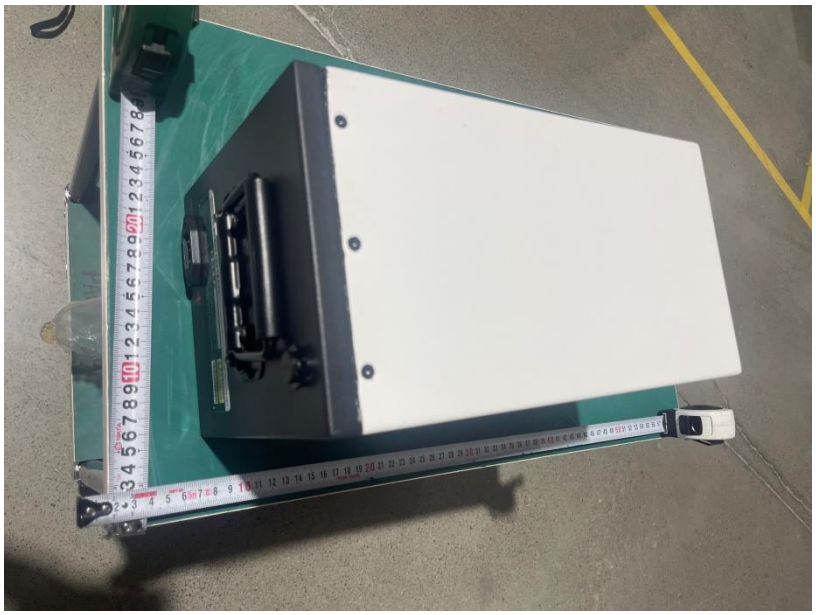
/

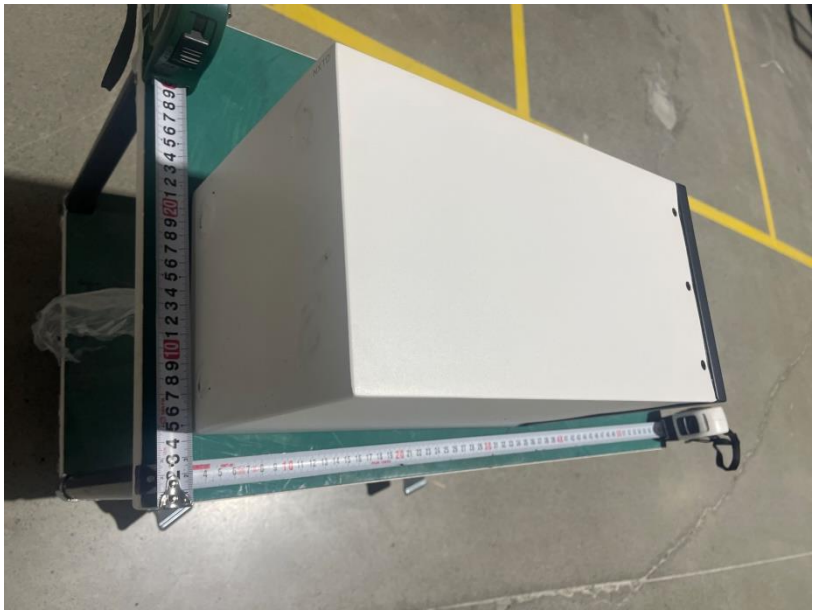
Remarks:
备注：

Throughout this report a comma is used as the decimal separator.
本报告中以逗号代替小数点。

Photos of Samples and Labels/样品照片及标识

Battery/电池 EMA330200174025028064（DMBP6445） 64V 45Ah 2880Wh





Photos of Packages / 包装照片

Package/包装件

ST/SG/AC.10/1/Rev.23				
Clause **章节**	**Requirements** **标准要求**		**Result** **测试结果**	**Verdict** **判定**
6.1.5.3	**1,2m Drop test / 1,2 米跌落测试**			**P**
	Test procedure / 测试步骤			-
	The package of batteries is dropped from 1,2m / 电池包装件从 1,2 米跌落			-
	Drop orientation/跌落方向: Where more than one orientation is possible for a given drop, the orientation most likely to result in failure of the packing must be used. / 如在一次跌落试验中可能有一种以上的方向，须选择最易使包装损坏的跌落方向。 Drop orientation for a package which are in the shape of a box. / 箱状包装的跌落方向： First drop: flat on the bottom / 第一次：以箱底平跌 Second drop: flat on the top / 第二次：以箱顶平跌 Third drop: flat on the long side / 第三次：以一长侧面平跌 Fourth drop: flat on the short side / 第四次：以一短侧面平跌 Fifth drop: on a corner / 第五次：以一个角跌落		The package is in the shape of a box. The package is subjected to five drops in different orientation. 此包装为箱状，并经受五个方向的跌落。	-
	Drop Target / 跌落目标: The target must be a non-resilient horizontal surface and must be / 跌落目标须为坚硬、无弹性的水平表面且须: (a) integral and massive enough to be immovable / 足够完整、厚重以固定不动; (b) flat with a surface kept free from local defects capable of influencing the test results / 表面平坦，无影响试验结果的局部缺陷; (c) rigid enough to be non-deformable under test conditions and not liable to become damaged by the tests / 具有足够的刚性，在试验条件下不会变形并不会被试验所损坏; (d) sufficiently large to ensure that the test package falls entirely upon the surface / 具有足够大的规格以便试验包装完全跌落在表面上.		The drop target is a concrete floor. 跌落目标为水泥地面。	
3.3.1	**Requirements/要求**			**P**
special provision 188 (g)	Each package is capable of withstanding a 1,2m drop test in any orientation without damage to cells contained therein, without shifting of the contents so as to allow cell to cell contact and without release of contents. 每个包件须能承受任何方向 1,2m 的跌落试验而容器内物品没有破损，没有造成内容物移位，没有出现内装物从内贮器或内容器中漏出。	Sample No. 样品号	p1#~p5#	**P**
		Status 跌落后状态	No damage to cells; No cell to cell contact; No release of contents from the package. 电池无损坏；无电池与电池接触；无内容物从包装漏出。	

注 意 事 项
Important

1. 报告无检测单位印章无效。
   The test report is invalid without the official stamp of CVC.
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 CVC.
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 Ratifier, Reviewer and Testing engineer.
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 CVC within 15 days,
6. 本报告仅对送检样品负责。
   The test report is valid for the tested samples only.
7. 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”。
   As for the Verdict, “-” means “no need for judgement”, “P” means “pass”， “F” means “fail” and “N/A” means “not applicable”.

报告中未加 CMA 标志时，检测数据和结果仅供科研、教学或内部质量控制之用。
The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.

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Testing Location: Building D, BASIGO INTELLIGENT, No.179, Guangpu East Road, Huangpu District, Guangzhou, P. R. China.
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