1.2m Drop test Report
1.2m 跌落测试报告

Applicant's Name **委托方名称**	Zhongshan Kangjun New Energy Technology Co., Ltd 中山市康君新能源科技有限公司
Applicant's Address **委托方地址**	5th Floor, Building 6, No. 106 Pinghe Road, Tongyi Industrial Park, Guzhen Town, Zhongshan City 中山市古镇镇同益工业园平和路106号第6栋5楼
Name of Sample **样品名称**	LiFePO4 Lithium battery pack 磷酸铁锂电池组
Model **型号**	6412
Testing Laboratory **测试实验室**	Rhenish-Lab Certification & Testing (Shenzhen) Co., Ltd. 仁测认证检测（深圳）有限公司 101, Building B, Bailu Plaza, No.48, Gonghe Industrial Road, Gongle, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, China 广东省深圳市宝安区西乡街道共乐社区共和工业路48号白鹿广场B栋101
Report No. **报告编号**	RLCT2604058-03
Date of Issue **签发日期**	2026.04.24

Test Conclusion 测试结论:

The test results are qualified 测试结果为合格。

Tested by **主检人:**	abner wei	**Reviewer by** **审核人:**	Cindy Yang	**Approved by** **批准人:**	

RHENISH-LAB TESTING (SHENZHEN) CO., LTD. APPROVED

1. Basic information 基本信息

Sample name **样品名称**	LiFePO4 Lithium battery pack 磷酸铁锂电池组	**Sample Model** **样品型号**	6412
Manufacturer's Name **生产单位名称**	Zhongshan Kangjun New Energy Technology Co., Ltd 中山市康君新能源科技有限公司		
Manufacturer's Address **生产单位地址**	5th Floor, Building 6, No. 106 Pinghe Road, Tongyi Industrial Park, Guzhen Town, Zhongshan City 中山市古镇镇同益工业园平和路106号第6栋5楼		
Normal Voltage **标称电压**	6.4V	**Rated Capacity** **额定容量**	12Ah(76.8Wh)
Package Dimensions **包装件尺寸**	350*350*110mm	**Net weight of batteries** **包装件电池净重**	9.79kg
Battery Number **电池数量**	18pcs	**Gross Weight** **整箱重量**	11.45kg
Outer packing **外包装**	Corrugated case 瓦楞纸箱	**Inside packing** **内包装**	/
Type of packing **包装方式**	Cells or batteries only 电池单独运输		
Test method and criterion **测试方法和判定标准**	UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Model Regulations (22nd Rev. edition) special provisions 188 联合国《关于危险货物运输的建议书 规章范本》(22 修订版)特殊规定 188 条款		
Accepted date **样品接收日期**	2026-04-24	**Test date** **检测日期**	2026-04-24
Test items **测试项目**	1.2m Drop test 1.2m 跌落试验		

2. 1.2m drop test 1.2 米跌落测试

2.1 Test Method and Requirement 检测方法和要求

Environmental conditions: Temperature（20±5）℃，R.H.（40-70）%
环境条件：温度（20±5）℃，相对湿度（40-70）%
Name of Equipment: Free fall tester
测试设备：跌落试验机

Except when cells or batteries are installed in equipment, each package shall be capable of withstanding a 1.2 m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery to battery (or cell to cell) contact and without release of contents.
Each package is tested 5 times, and the test base is concrete base
除安装在设备上的电池或电池组外，每个包装件以任何方向进行 1.2 米跌落试验时都能够不使其中所装的电池或电池组受损，不造成内装物移动，以致电池组与电池组(或电池与电池)互相接触，并且没有内装物释出。
每个包装件测试 5 次，测试底板为混泥土底板。

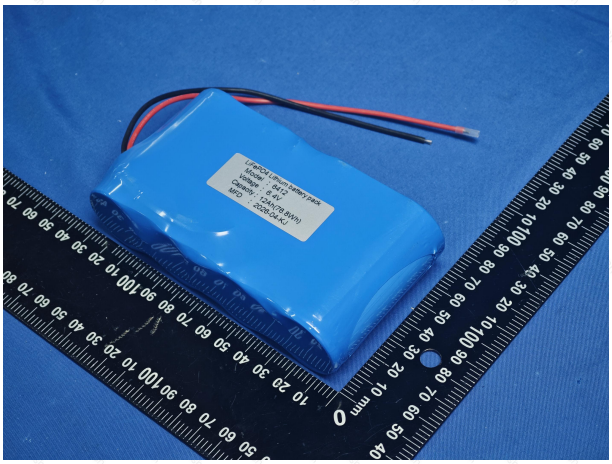
2.2 Test Result 检测结果

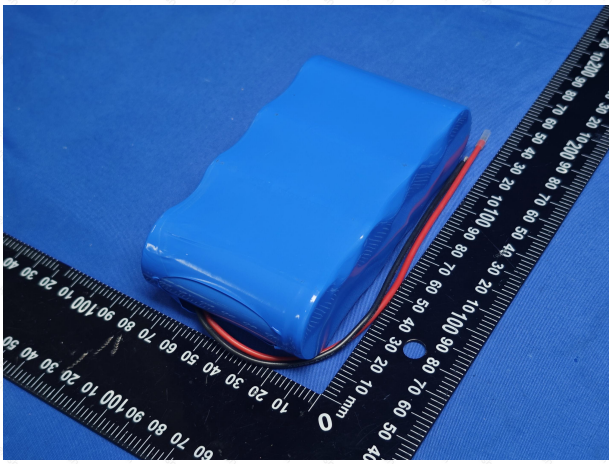
Drop orientation 跌落方向	Test status 测试情况	Conclusion 结论
Flat on the bottom 底部平跌	The samples contained are not damage，no displacement resulting in sample contact, and no release of the contents 所装的样品无受损，没有发生位移导致样品接触，无内装物体释出	Pass 合格
Flat on the top 顶部平跌	The samples contained are not damage，no displacement resulting in sample contact, and no release of the contents 所装的样品无受损，没有发生位移导致样品接触，无内装物体释出	Pass 合格
Flat on the long side 长侧面平跌	The samples contained are not damage，no displacement resulting in sample contact, and no release of the contents 所装的样品无受损，没有发生位移导致样品接触，无内装物体释出	Pass 合格
Flat on the short side 短侧面平跌	The samples contained are not damage，no displacement resulting in sample contact, and no release of the contents 所装的样品无受损，没有发生位移导致样品接触，无内装物体释出	Pass 合格
On a corner 棱角着地	The samples contained are not damage，no displacement resulting in sample contact, and no release of the contents 所装的样品无受损，没有发生位移导致样品接触，无内装物体释出	Pass 合格

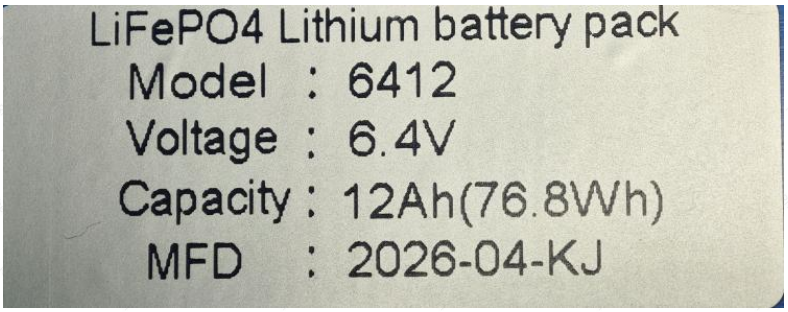
3.样品图片


UN3480
CARGO AIRCRAFT ONLY








LiFePO4 Lithium battery pack
Model : 6412
Voltage : 6.4V
Capacity : 12Ah(76.8Wh)
MFD : 2026-04-KJ

Statement
声 明

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