

TEST REPORT

检测报告

1.2m Drop Test

1.2m 跌落试验

Name of Goods: Li-ion Polymer Battery 902030 3.7V 500mAh 1.85Wh
物品名称: 锂离子聚合物电池 902030 3.7V 500mAh 1.85Wh

Model: 902030
型号:

Client: Shenzhen Rui innovation energy Co., Ltd.
委托单位: 深圳市锐创新能源有限公司

Classification of test: Commission Test
检测类别: 委托测试

Tested by:
主检人:

May Huang 黄璐

Approved by:
批准人:

Dong Le 董磊

Inspected by:
审核人:

Dylan Dou 董明强

Date of Issue:
签发日期:

2023.11.17

Seal of CMC:
CMC 印章:



CMC Testing International (Shenzhen) Co., Ltd.
众检检验认证（深圳）有限公司

TEST REPORT 检测报告

Name of Goods 物品名称	Li-ion Polymer Battery 902030 3.7V 500mAh 1.85Wh 锂离子聚合物电池 902030 3.7V 500mAh 1.85Wh		
Commissioner 委托单位	Shenzhen Rui innovation energy Co., Ltd. 深圳市锐创新能源有限公司		
Commissioner's Address 委托单位地址	Room 503, 5th floor, Baiyi Ruian Building, No.3, Baxiang, Nanzhuang New Village, Xinzhuang Community, Matian Street, Guangming New District, Shenzhen, Guangdong, P.R. China 中国广东省深圳市光明新区马田街道新庄社区南庄新村八巷3号佰溢瑞安大厦五楼503室		
Manufacturer 制造商	Shenzhen Rui innovation energy Co., Ltd. 深圳市锐创新能源有限公司		
Manufacturer's Address 制造商地址	Room 503, 5th floor, Baiyi Ruian Building, No.3, Baxiang, Nanzhuang New Village, Xinzhuang Community, Matian Street, Guangming New District, Shenzhen, Guangdong, P.R. China 中国广东省深圳市光明新区马田街道新庄社区南庄新村八巷3号佰溢瑞安大厦五楼503室		
Single Sample Weight 单个样品重量	9.46g	Trade Mark/ Identification: 商标/识别码:	--
Battery number per packaging 每包装件电池数量	800PCS	Package size 包装件尺寸(mm)	390×260×200
Net weight of batteries per package 每包装件电池的净重	7.57kg	Package weight 包装件重量	9.0kg
Receiving date 接样日期	2023.10.30	Completing date 完成日期	2023.10.31
Test standard 检测标准	United Nations 《Recommendations on the Transport of Dangerous Goods-Model Regulations》 (Rev.22) 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		
Test Conclusion 检测结论	The sample has passed the test items of United Nations 《Recommendations on the Transport of Dangerous Goods-Model Regulations》 (Rev.22) Special Provisions 188. 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》(22修订版)特殊规定188条款		

Test item 检测项目

- 1) Drop test 跌落测试
- 2) Packing weight test 包装重量测试

Test method 测试方法

The package of batteries is dropped from 1.2m, 5times per package. The test floor is concrete floor, each package is capable of withstanding a 1.2 meter drop test in any orientation without damage to cell 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.

电池包装件(或含有电池的包装件)从 1.2 米高度进行跌落, 每个包装件 5 次。测试底板为混凝土底板, 每一个包装件应能承受在任一方位的 1.2 米跌落测试, 并且没有电芯或电池损坏。没有位移导致电池或电芯相互接触, 并没有内部物品从箱体漏出。



Test Apparatus 检测仪器

Serial No. 设备编号	Name of Equipment 设备名称	Model 型号	Calibration Date /Due Date 校准日期/到期日
CMC-YQ-013	Single-blade drop tester 单翼跌落测试仪器	GX-6050-A	2023-03-23
			2024-03-22
CMC-YQ-021	Electronic platform scale 电子台秤	TCS-200KG	2023-03-23
			2024-03-22

Test result 检测结果

1) Drop test 跌落测试

Drop position 跌落位置	Test status 测试情况	Conclusion 结论
Front 前面	The package is not cracked, the contents are not damaged and not shifted. 包装没有破裂, 内装物品没有损坏和位移。	Pass 合格
Bottom 底部	The package is not cracked, the contents are not damaged and not shifted. 包装没有破裂, 内装物品没有损坏和位移。	Pass 合格
Angle 角	The package is not cracked, the contents are not damaged and not shifted. 包装没有破裂, 内装物品没有损坏和位移。	Pass 合格
Side 侧面	The package is not cracked, the contents are not damaged and not shifted. 包装没有破裂, 内装物品没有损坏和位移。	Pass 合格
Top 顶部	The package is not cracked, the contents are not damaged and not shifted. 包装没有破裂, 内装物品没有损坏和位移。	Pass 合格

2) Packing weight test 包装重量测试

Test item 测试项目	Weight 重量 (kg)	Remark 备注
Packing weight test 包装重量测试	9.0	--

Photos 照片



Important 注意事项

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 CMC Testing International (Shenzhen) Co., Ltd. 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众检检验认证（深圳）有限公司提出。
7. The test report is valid for the tested samples only.
本检测报告仅对检测样品负责。
8. As for the Verdict, "--" means "no need for judgment", "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"。

*** End of Report ***

*** 报告结束 ***

Testing laboratory: CMC Testing International (Shenzhen) Co., Ltd.

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