



1.2m 测试报告 1.2m Test Report

报告编号Report No.: S03A23070552D00201

样品名称: 聚合物锂离子电池

Sample Name: Polymer Lithium-Ion Battery

样品型号: , ,

Sample Model: LP503855 AKY1675

委托单位:

Applicant: Ropla Elektronik Sp. z o.o.

签发日期:

<u>電次日</u>端: 2023-07-31 Issue Date:



受控编号: 03-S001-1B Web: www.gtggroup.com 发行机构:广测集团 E-mail: info@gtggroup.com 受控日期: 2023-03-01 Tel.: 86-400 755 8988

样品名称	锂离子聚合物电池	样品型号	LP503855 AKY1675		
Sample Name	Li-ion Polymer Battery	Sample Model	LP303033 AKT 1073		
标称电压	3.7V 额定容量	额定容量	1100mAh		
Nominal Voltage	3.7 V	Rated Capacity	TIOUTIALI		
瓦时	4.07Wh	商标	Akyga Battery		
Watt-hour	4.07 ****	Trade mark	Akyga Dallery		
测试实验室	广东储能检测技术有限公司				
Testing laboratory	Guangdong ESTL Technology Co., Ltd.				
实验室地址 Laboratory address	广东省东莞市松山湖园区总部二路9号1栋1单元101、201-208室。				
	Room 101, 201-208, Unit 1, Building 1, No. 9 Headquarters 2nd Road,				
-	Songshan Lake Park, Dongguan, Guangdong, China.				
	□广东省东莞市松山湖园区总部二路9号1栋1单元101、201-208室 Room 101, 201-208, Unit 1, Building 1, No. 9 Headquarters 2nd Road,				
 测试地点	Songshan Lake Park, Dongguan, Guangdong, China.				
Testing location	1	[] 广东省东莞市松山湖园区总部二路11号1栋2单元101室			
	Room 101, Unit 2, Building 1, No. 11 Headquarters 2nd Road, Songshan				
	Lake Park, Dongguan, Guangdong, China.				
委托单位	Ropla Elektronik Sp. z o.o.				
Applicant					
委托单位地址	ul.Wrocławska 1C, 52-200 Suchy Dwór				
Applicant Address					
制造商	Ropla Elektronik Sp. z o.o.				
Manufacturer	,				
制造商地址 Manufacturer Address	ul.Wrocławska 1C, 52-200 Suchy Dwór				
Manufacturer Address	型 A 团 《 A 工 在 IV AK sha)二 t		*************************************		
-44.74.4E	联合国《关于危险货物运输的建议书 规章范本》第22修订版3.3章188条款				
测试标准	UNITED NATIONS Recommendations on the transport of dangerous goods				
Standard	Model Regulations, Twenty-second revised edition, Chapter 3.3, Provisions				
1 4 1 4 1	188				
接样日期	2023-07-19				
Date of sample receipt					
测试日期	2023-07-20 to 2023-07-26				
Tested date					

检验结论 Test conclusion:

由Ropla Elektronik Sp. z o.o.送检的锂离子聚合物电池的包装件1.2m 跌落测试依据联合国《关于危险货物运输的建议书 规章范本》第22修订版3.3章188条款。测试结果符合标准相关要求。

The 1.2m drop test of the PACKAGE for Li-ion Polymer Battery submitted by Ropla Elektronik Sp. z o.o. is tested according to the UNITED NATIONS Recommendations on the transport of dangerous goods Model Regulations, Twenty-second revised edition, Chapter 3.3, Provisions 188. The test results comply with the relevant requirements of the standard.

检测 Tested by

供纸架

审核 Reviewed by

胡丽珍

包装件信息The info of packag	e				
每个包装件毛重	4.63kg				
Each package gross weight	7.00Ng				
每个包装件中电池净重	3.63kg				
In each package battery net	J. J				
电池个数	160个/箱				
Battery Number	160pcs/packing				
包装件尺寸	300*234*300mm				
Package size	300 234 30011111				
包装方式	包装箱内含锂电池 Package including lithium batteries.				
Packaging type	已來相的自在电池 Fackage including infinition batteries.				
外包装材料	☑ 硬板纸箱Corrugated carton □ 木板箱Wood carton				
The material of outer					
packaging	□其他 other:				
能完全装入样品的内包装方式	⊠泡沫材料Foam material	⊠ 吸塑盘Plastic disc			
	☐ 纸板隔板Paper divider	□塑料气垫Plastic air cushion			
The manner of inner	□単一封□塑料袋	□塑料气泡与珍珠棉			
packaging that can be	Single sealing plastic bags	Plastic bubble and pearl cotton			
completely enclose the	 □独立小包装				
samples	Independent packaging	□ 其他Other:			
备注/Remarks:					
1. 本报告中以点代替小数点。					
Throughout this report a point is used as the decimal separator.					
2. 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".

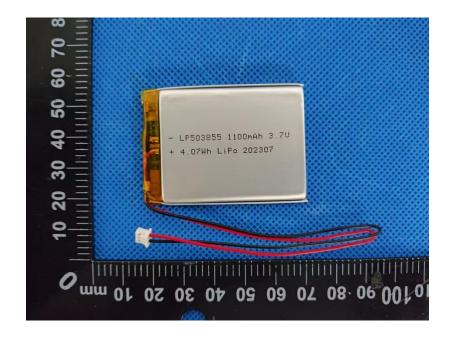
 章节	标准要求	测试结果	判定	
Clause	Requirements	Result	Verdict	
	1.2 米跌落测试 / 1.2m Drop test			
	测试步骤 / Test procedure			
	电池包装件从1.2 米跌落 / The package of batteries is dropped from 1.2m			
	跌落方向 / Drop orientation:	此包装为箱	Р	
	如在一次跌落试验中可能有一种以上的方向,须选择最易使包	状,并经 受五		
	装损坏的跌落方向 / Where more than one orientation is	个方向的跌		
	possible for a given drop, the orientation most likely to result in	落。		
	failure of the packing must be used.	The package		
	箱状包装的跌落方向 / Drop orientation for a package which	is in the shape		
	are in the shape of a box:	of a box. The		
	第一次: 以箱底平跌 / First drop: flat on the bottom	package is		
	第二次:以箱顶平跌 / Second drop: flat on the top	subjected to		
	第三次:以一长侧面平跌 / Third drop: flat on the long side	five drops in		
	第四次:以一短侧面平跌 / Fourth drop: flat on the short side	different		
6.1.5.3	第五次:以一个角跌落 / Fifth drop: on a corner	orientation.		
	跌落目标 / Drop Target	跌落目标为水	Р	
	跌落目标须为坚硬、无弹性的水平表面且须 / The target must	泥地面。		
	be a non-resilient horizontal surface and must be:	The drop		
	1. 足够完整、厚重以固定不动 / lintegral and massive enough	target is a		
	to be immovable	concrete floor.		
	2. 表面平坦,无影响试验结果的局部缺陷 / Flat with a surface			
	kept free from local defects capable of influencing the test			
	results			
	3. 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 / Rigid enough to be non-deformable under test conditions			
	and not liable to become damaged by the tests			
	4. 具有足够大的规格以便试验包装完全跌落在表面上/			
	Sufficiently large to ensure that the test package fall securely			
	upon the surface			
3.3.1	要求 / Requirements		Р	
Special	除了当电池是安装在产品中的时候,每个包件必须能承受任何	电池无损坏;	Р	
provision	方向1.2m 的跌落试验包含其中没有损坏电池或电池组,没有内	无电池与电池		
188	容物位移以致电池组和电池组(或电池和电池)接触,没有释放	接触;无内容		
	出内容物	物从包装漏		
	Except when batteries are installed in equipment, each	出。		
	package shall be capable of withstanding a 1.2m drop test in	No damage to		
	any orientation without damage to cells or batteries contained	batteries; No		
	therein, without shifting of the contents so as to allow battery	battery to		
	to battery (or cell to cell) contact and without release of	battery		
	contents	contact; No		
		release of		
		contents from		
		the package.		

Photos of Samples and Labels/样品照片及标识

包装件Package:



电池 Battery:



--- 报告结束 ---

--- End of Report ---

声明

Declaration

1. 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.

2. 对检验报告若有异议,应于收到报告之日起十五天内向检验单位提出。

Objections to the test report must be submitted to ESTL within 15 days.

3. 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 ESTL.

4. 客户必须如实提供样品及资料,并保证申报品名和样品以及运输货物相同,否则本检测单位不承担任何相关责任。

The client should provide samples and relevant data, at the same time, they should guarantee the consistence of the product's name the declared, the samples they provided and the goods to be transported. Otherwise we will not bear any relevant responsibilities.

5. 本报告仅对送检样品负责。

The test report is valid for the tested samples only.

6. 任何情况下检测单位的赔偿责任都不会超过检测单位就本次检测所收取的检测费用。

ESTL's liability under no circumstance will exceed the testing fee received from applicant for test conducted hereof this testing report.

7. 本报告涂改无效。

The test report is invalid if altered.

8. 本报告无本公司"检测报告专用章"或"公章"无效。

This report is invalid without the company's "Special seal for Test Report" or "official seal".

9. 本报告未加盖CMA资质认定标志,不具有社会证明作用,本公司不承担因此引发的任何风险和法律责任。

This report is not stamped with CMA qualification certification mark, which does not have the function of social proof, and the Company does not assume any risks and legal liabilities caused by this.