



中国认可
国际互认
检测
TESTING
CNAS L0357

检测报告

Test Report

报告编号 (Report No.) : S23-B1815

中国电子
赛西实验

产品名称(Product Name): 可充式锂离子电池组

Rechargeable Lithium-ion Battery Pack

型号 (Model/Type) : P2150-4S2P-MMEV

委托方(Client) : 广州明美新能源股份有限公司

TWS Technology (Guangzhou) Limited

中国电子技术标准化研究院赛西实验室

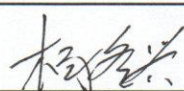
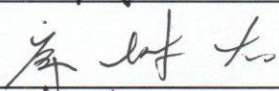
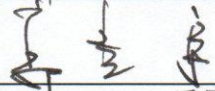
China Electronics Standardization Institute CESI Laboratory



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产品名称 Product Name	可充式锂离子电池组 Rechargeable Lithium-ion Battery Pack	委托方 Client	广州明美新能源股份有限公司 TWS Technology (Guangzhou) Limited	
型号规格 Model/Type	P2150-4S2P-MMEV,14.4V, 额定容量: 4.8Ah,69.12Wh 标称容量: 5.2Ah,72.88Wh	委托方地址 Client Address	广州市高新技术产业开发区科学城南云三路 39 号 (1)栋首层、二层、三层 (可作厂房使用) 1st, 2nd and 3rd Floor (can be used as a factory building), No. 39, Nanyunsan Road, Science City of Guangzhou High-tech Industrial Development Zone	
样品数量 Sample Quantity	电池组 1 1 battery	制造商 Manufacturer	广州明美新能源股份有限公司 TWS Technology (Guangzhou) Limited	
样品来源 Sample Source	送样 Submitted by Manufacturer	制造商地址 Manufacturer Address	广州市高新技术产业开发区科学城南云三路 39 号 (1)栋首层、二层、三层 (可作厂房使用) 1st, 2nd and 3rd Floor (can be used as a factory building), No. 39, Nanyunsan Road, Science City of Guangzhou High-tech Industrial Development Zone	
收样日期 Receipt Sample Date	2023.10.18	生产厂 Factory	广州明美新能源股份有限公司 TWS Technology (Guangzhou) Limited	
试验类别 Testing Kind	委托试验 Entrusted Test	生产厂地址 Factory Address	广州市高新技术产业开发区科学城南云三路 39 号 (1)栋首层、二层、三层 (可作厂房使用) 1st, 2nd and 3rd Floor (can be used as a factory building), No. 39, Nanyunsan Road, Science City of Guangzhou High-tech Industrial Development Zone	
检验日期 Testing Date	开始时间 (Start Date): 2023.11.13 结束时间 (Complete Date): 2023.11.13			
试验环境 Testing Environment	温度(Temperature): 22.3℃; 湿度(Humidity): 43% R.H.; 大气压力(Atmospheric Pressure): 101kPa			
试验标准/方法 Testing Standard /Method	UN 38.3, Rev.7, 《试验和标准手册》第三部分 38.3 节《金属锂和锂离子电池组》 "Recommendations on the Manual of Tests and Criteria", Seventh revised edition, Part III, 38.3 Lithium metal and lithium ion batteries"(UN 38.3).			
试验概况与分析 Testing Description	本次申请的产品与试验合格的产品 (报告号: S22-B0150-1) 相比, 变更铭牌内容, 其它完全相同, 因此, 本次申请未进行试验, 直接引用 S22-B0150-1 的测试结论。 Compared with the already test qualified product (report No.S22-B0150-1), changed the contents of the battery's nameplate .Others are the same. Therefore, no tests performed, referred to the test conclusion of S22-B0150-1.			
试验结论 Verdict	符合要求 Qualified			
试验 Tested by		日期 (Date): 2023.11.16		
审核 Checked by		日期 (Date): 2023.11.16		
批准 Approved by		日期 (Date): 2023.11.17		
	郭建宇 Guo Jianyu: 质量负责人 Quality Manager 王莹 Wang Ying: 技术负责人 Technical Manager 何鹏林 He Penglin: 副主任 Vice Director			
注: 判定栏中“P”表示合格, “N/A”表示不适用或未进行, “F”表示不合格, “—”表示不做判定。 Notes: In verdict column, “P” means pass, “N/A” means no application, “F” means fail, “—” means no Verdict.				

样品描述及说明 General product information

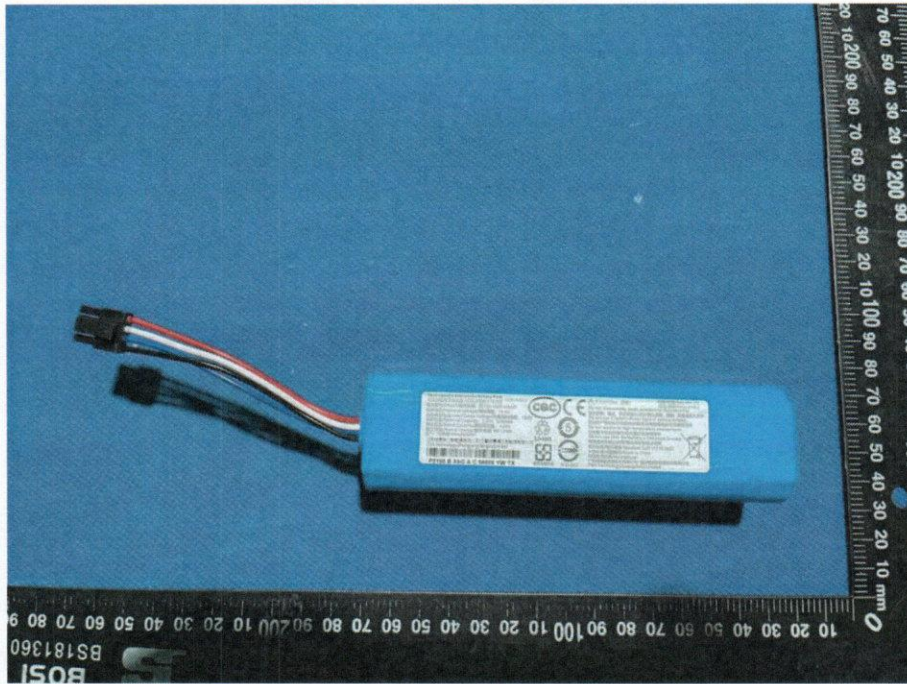
样品信息 (Sample information):

是否可充电 Rechargeable or not	是 Yes	用途 Use	电子产品 Electronic products
运输时是否安装在设备中 Contained In Equipment during transportation	—	化学组分 Electrochemistry System	Li(NiCoMn)O ₂
☐ 电池 Cell ☐ 单一电池电池组 Single cell battery ☒ 电池组 Battery	组成方式 Composing Mode 4 串 2 并 4S2P	电池容量 Cell Capacity	2550mAh
	电池型号 Cell Model ICR18650/26V	电池生产厂 Manufacturer of Cell	EVE

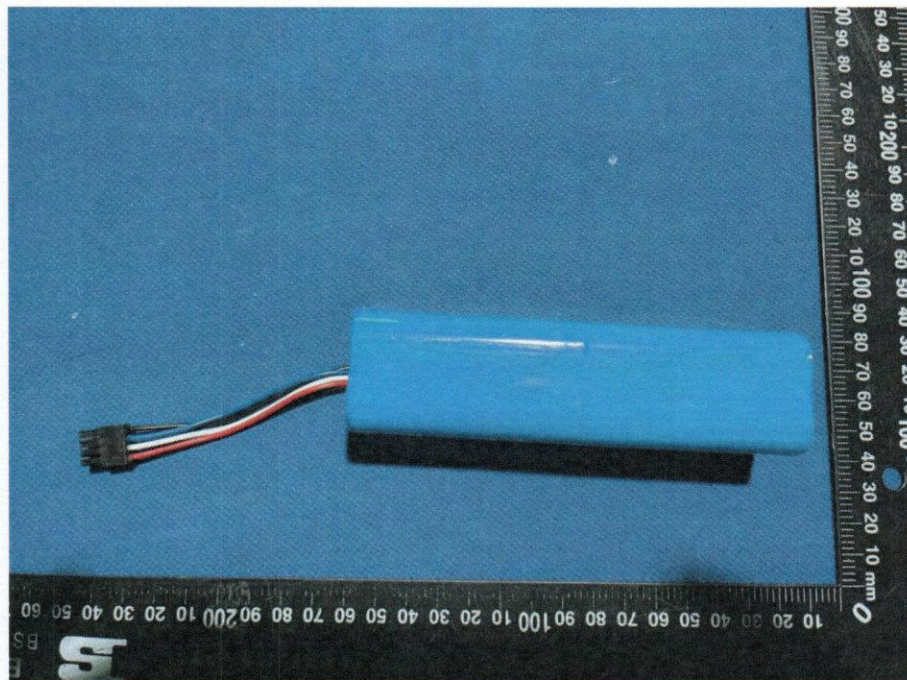
样品参数 (Sample parameters):

标称电压 Nominal Voltage	14.4V	额定容量 Rated Capacity	4800mAh	额定能量 Rated Energy	69.12Wh
充电限制电压 Max. Charging Voltage	16.6V	最大连续充电电流 Max. Charging Current	2400mA	充电电流 Charging Current	1000mA
放电终止电压 Discharge Cut-off Voltage	12V	最大放电电流 Max. Discharging Current	5000mA	充电截止电流 Charge Cut-off Current	96mA

样品照片 Photos of the sample



电池组外观 1
View of the battery 1



电池组外观 2
View of the battery 2

样品照片 Photos of the sample



元件电池

View of the component cell



电池组铭牌

View of the battery nameplate

试验仪器设备清单
Test equipment list

序号 No.	名 称 Name	型 号 Type	编 号 Equipment No.	校准有效期至 Calibration Date	本次使用 Used (√)
—	—	—	—	—	—

注 意 事 项

NOTES

1. 本报告未加盖“检验检测专用章”无效;

This test report is invalid without testing stamp.

2. 本报告未经本实验室批准不得部分复印;

The test report shall not be reproduced except in full without the written approval of the Laboratory.

3. 本报告试验结果只对受试样品有效;

The test results presented in this report is only valid to the samples tested.

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