



# UN38.3 试验概要

## UN38.3 Test Summary



| 单位信息 Company information           |                                                                                                                                                                                                                        |                                |                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------|
| 委托单位<br>Consignor                  | 福建飞毛腿动力科技有限公司 Fujian SCUD Power Technology Co., Ltd.<br>福建省福州市马尾区江滨东大道 98 号 6 层（自贸区试验区内） 6/F, No.98, Jiangbin East Avenue, Mawei District, Fuzhou, Fujian,<br>0591-63158888 xlp@scudpower.com http://www.scudcn.com/zh |                                |                                  |
| 生产单位<br>Manufacturer               | 福建飞毛腿动力科技有限公司 Fujian SCUD Power Technology Co., Ltd.<br>福建省福州市马尾区江滨东大道 98 号 6 层（自贸区试验区内） 6/F, No.98, Jiangbin East Avenue, Mawei District, Fuzhou, Fujian,<br>0591-63158888 xlp@scudpower.com http://www.scudcn.com/zh |                                |                                  |
| 测试单位<br>Test lab                   | 福建飞毛腿动力科技有限公司 Fujian SCUD Power Technology Co., Ltd.<br>福建省福州市马尾区江滨东大道 98 号 6 层（自贸区试验区内） 6/F, No.98, Jiangbin East Avenue, Mawei District, Fuzhou, Fujian,<br>0591-63158888 xlp@scudpower.com http://www.scudcn.com/zh |                                |                                  |
| 电池信息 Battery information           |                                                                                                                                                                                                                        |                                |                                  |
| 名称<br>Name                         | 可充式锂离子电池组<br>Rechargeable Lithium-ion Battery Pack                                                                                                                                                                     | 品牌<br>Brand                    | /                                |
| 型号<br>Type                         | R2401-4S2P-FMTEV                                                                                                                                                                                                       | 原始测试型号<br>Original tested type | R2401-4S2P-FMTEV                 |
| 标称电压(V)<br>Nominal voltage         | 14.4                                                                                                                                                                                                                   | 容量/能量<br>Capacity/energy       | 5800mAh 83.52Wh                  |
| 描述<br>Description                  | 可充电锂离子电池组<br>Rechargeable Li-ion battery                                                                                                                                                                               | 锂含量(g)<br>Li content           | /                                |
| 质量(kg)<br>Mass                     | 0.404                                                                                                                                                                                                                  | 外观<br>Appearance               | 蓝色塑料薄膜外壳 Blue plastic film shell |
| 测试信息 Test information              |                                                                                                                                                                                                                        |                                |                                  |
| 原报告编号<br>Original test report No.  | RZ240044-01                                                                                                                                                                                                            | 测试报告日期<br>Date of test report  | 2024-12-09                       |
| 测试标准<br>Test standard              | 联合国《试验和标准手册》第 38.3 章 UNITED NATIONS Manual of Tests and Criteria 38.3 ST/SG/AC.10/11/Rev.7                                                                                                                             |                                |                                  |
| T.1 高度模拟<br>Altitude simulation    | 合格 Passed                                                                                                                                                                                                              | T.2 温度测试<br>Thermal test       | 合格 Passed                        |
| T.3 振动测试<br>Vibration              | 合格 Passed                                                                                                                                                                                                              | T.4 冲击测试<br>Shock              | 合格 Passed                        |
| T.5 外部短路<br>External short circuit | 合格 Passed                                                                                                                                                                                                              | T.6 撞击<br>Impact               | 合格 Passed                        |
| T.7 过度充电<br>Overcharge             | 合格 Passed                                                                                                                                                                                                              | T.8 强制放电<br>Forced discharge   | 合格 Passed                        |
| 38.3.3 (f)                         | /                                                                                                                                                                                                                      | 38.3.3 (g)                     | /                                |





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### 样品图片 Sample Picture



|                          |                                                                                                                                                                                     |                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| 结论<br>Conclusion         | 测试样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.738.3 标准要求。The tested samples meet the requirements of test items of the UNITED NATIONS Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7 38.3 |                                           |
| 备注<br>Remark             | /                                                                                                                                                                                   |                                           |
| 签名 Signature<br>职务 Title | 王寅<br>副总工程师 Vice chief engineer                                                                                                                                                     | 签发日期<br>Issued date<br>2025-06-23<br>(15) |

-验证码:244211-

\*\*\*报告结束\*\*\*