



# UN38.3 试验概要

## UN38.3 Test Summary



| 单位信息 Company information           |                                                                                                                                                                                                                     |                                |                                  |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------|
| 委托单位<br>Consignor                  | 上海智汇电器有限公司 AEC LIGHTING SOLUTIONS CO.,LTD.<br>嘉定区马陆镇宝安公路 2548 号 NO.2548,BAOAN ROAD, JIADING DISTRICT,SHANGHAI,P.R. CHINA<br>13681802512      alice.ma@aeclight-reel.com      http://www.advancedlightingsystems.com |                                |                                  |
| 生产单位<br>Manufacturer               | 上海智汇电器有限公司 AEC LIGHTING SOLUTIONS CO.,LTD.<br>嘉定区马陆镇宝安公路 2548 号 NO.2548,BAOAN ROAD, JIADING DISTRICT,SHANGHAI,P.R. CHINA<br>13681802512      Bruce.li@aeclight-reel.com      http://www.advancedlightingsystems.com |                                |                                  |
| 测试单位<br>Test lab                   | 上海化工院检测有限公司 Shanghai Institute of Chemical Industry Testing Co., Ltd.<br>中国.上海.普陀区云岭东路 345 号, 200062 No.345 East Yunling Road, Putuo, Shanghai, China 200062<br>86-21-31765555      battery@ghs.cn      www.ghs.cn  |                                |                                  |
| 电池信息 Battery information           |                                                                                                                                                                                                                     |                                |                                  |
| 名称<br>Name                         | 锂电池                                                                                                                                                                                                                 | 品牌<br>Brand                    | /                                |
| 型号<br>Type                         | ZH 18650(2S1P)                                                                                                                                                                                                      | 原始测试型号<br>Original tested type | /                                |
| 标称电压(V)<br>Nominal voltage         | 7.2                                                                                                                                                                                                                 | 容量/能量<br>Capacity/energy       | 3200mAh 23.04Wh                  |
| 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                     | 0.0962                                                                                                                                                                                                              | 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.  | 1124030671                                                                                                                                                                                                          | 测试报告日期<br>Date of test report  | 2024-04-30                       |
| 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&Amend.1                                                                                                             |                                |                                  |
| 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)                     | /                                |



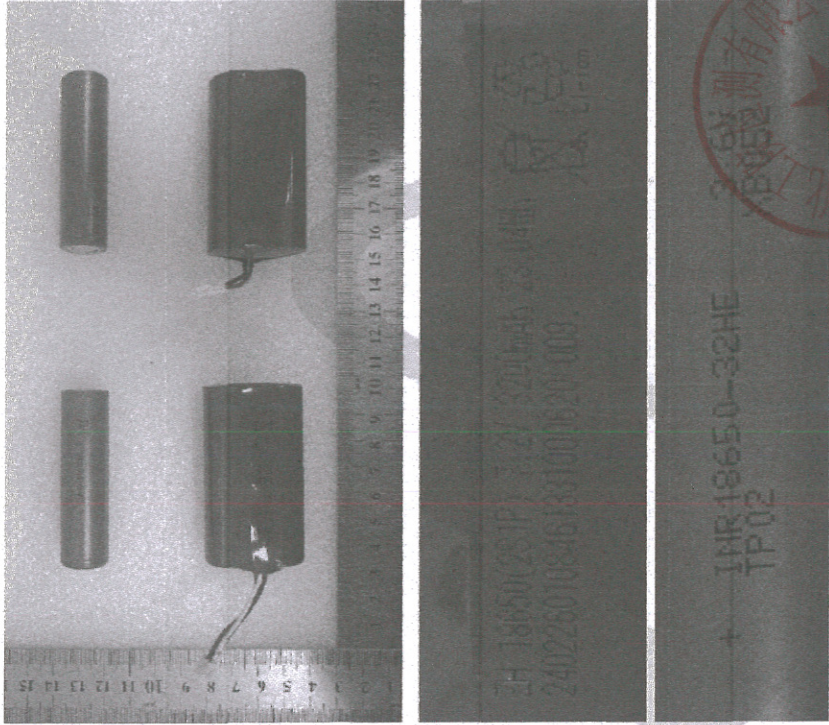


UN38.3 试验概要  
UN38.3 Test Summary



812400000829031

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.7&Amend.138.3 标准要求。The tested samples meet the requirements of test items of the UNITED NATIONS Manual of Tests and CriteriaST/SG/AC.10/11/Rev.7&Amend.1 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 | 2024-05-07 |

-验证码:459707-

\*\*\*报告结束\*\*\*