



# UN38.3 试验概要

## UN38.3 Test Summary



812400400127163

| 单位信息 Company information           |                                                                                                                                                                                                                                                        |                                |                                                    |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|
| 委托单位<br>Consignor                  | 新乡市弘力电源科技有限公司 Xinxiang hongli supply source technology co.,ltd<br>河南省新乡市新乡县新乡经济开发区兴隆路西段 West Section of Xinglong Road,<br>Xinxiang Economic Development Zone, Xinxiang County, Xinxiang, Henan<br>0373-5632158 774753828@qq.com http://www.xxshldy.com |                                |                                                    |
| 生产单位<br>Manufacturer               | 新乡市弘力电源科技有限公司 Xinxiang hongli supply source technology co.,ltd<br>河南省新乡市新乡县新乡经济开发区兴隆路西段 West Section of Xinglong Road,<br>Xinxiang Economic Development Zone, Xinxiang County, Xinxiang, Henan<br>0373-5632158 774753828@qq.com http://www.xxshldy.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,<br>China 200062<br>86-21-31765555 battery@ghs.cn www.ghs.cn                                            |                                |                                                    |
| 电池信息 Battery information           |                                                                                                                                                                                                                                                        |                                |                                                    |
| 名称<br>Name                         | 可充电锂离子电池<br>Rechargeable Lithium-ion Cell                                                                                                                                                                                                              | 品牌<br>Brand                    | /                                                  |
| 型号<br>Type                         | IMR18650-2000mAh                                                                                                                                                                                                                                       | 原始测试型号<br>Original tested type | /                                                  |
| 标称电压(V)<br>Nominal voltage         | 3.7                                                                                                                                                                                                                                                    | 容量/能量<br>Capacity/energy       | 2000mAh 7.4Wh                                      |
| 描述<br>Description                  | 可充电锂离子电池芯<br>Rechargeable Li-ion cell                                                                                                                                                                                                                  | 锂含量(g)<br>Li content           | /                                                  |
| 质量(kg)<br>Mass                     | 0.0432                                                                                                                                                                                                                                                 | 外观<br>Appearance               | 紫色圆柱型塑料薄膜外壳<br>Violet cylinder plastics film shell |
| 测试信息 Test information              |                                                                                                                                                                                                                                                        |                                |                                                    |
| 原报告编号<br>Original test report No.  | 1124030106                                                                                                                                                                                                                                             | 测试报告日期<br>Date of test report  | 2024-04-16                                         |
| 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&Am end.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             | /                                                                                                                                                                                                                                                      | T.8 强制放电<br>Forced discharge   | 合格 Passed                                          |
| 38.3.3 (f)                         | /                                                                                                                                                                                                                                                      | 38.3.3 (g)                     | /                                                  |





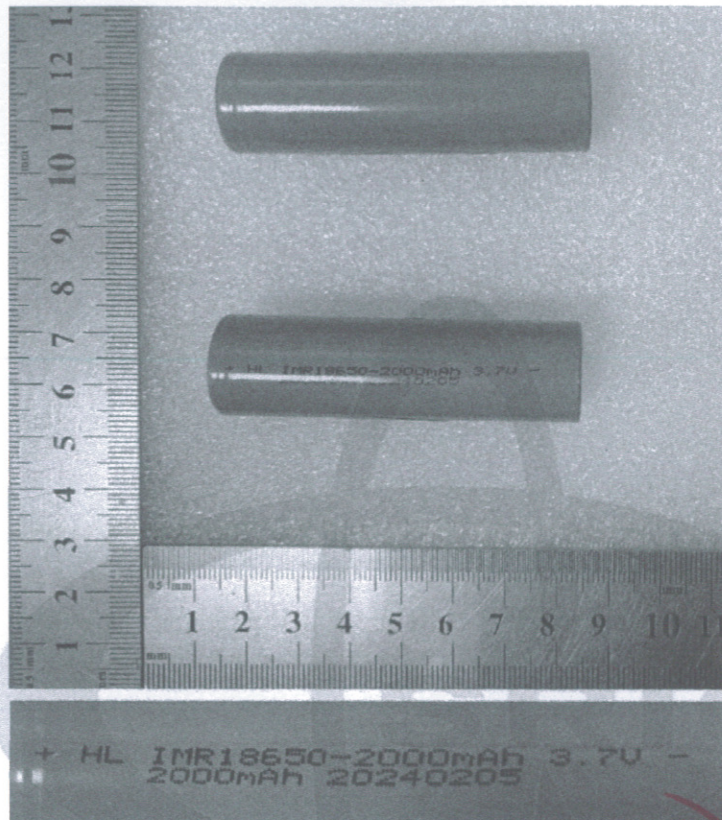
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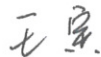
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### 样品图片 Sample Picture



|                          |                                                                                                                                                                                                      |                                       |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| 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.7&Amend.1 38.3 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&Amend.1 38.3 |                                       |
| 备注<br>Remark             | /                                                                                                                                                                                                    |                                       |
| 签名 Signature<br>职务 Title | <br>王寅<br>副总工程师 Vice chief engineer                                                                               | 签发日期<br>Issued date<br>2024-04-28<br> |

-验证码:827016-

\*\*\*报告结束\*\*\*