

# 锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: RHDTL260323032

| 单位信息 Company Information                                |  |  |                                    |                                    |            |
|---|--|--|------------------------------------|------------------------------------|------------|
| 委托单位<br>Consignor                                       | 天津市吉星能源发展有限公司 Tianjin Lucky Star Energy Development Co.,LTD.<br>天津市宁河区未来科技城海航西路吉星产业园<br>Lucky Star Park, Haihang West Road, Future Sci&Tech City, Ninghe District,Tianjin,China  |  |                                    |                                    |            |
| 生产单位<br>Manufacturer                                    | 天津市吉星能源发展有限公司 Tianjin Lucky Star Energy Development Co.,LTD.<br>天津市宁河区未来科技城海航西路吉星产业园<br>Lucky Star Park, Haihang West Road, Future Sci&Tech City, Ninghe District,Tianjin,China<br>电话/Tel: 15620509036 邮箱/Mail: 3026943144@qq.com  |  |                                    |                                    |            |
| 测试单位<br>Test Lab  | 东莞市鸿鼎储能检测技术有限公司<br>Dongguan HDTL Technology Co., Ltd.<br>广东省东莞市东城街道金中路5号1栋101室<br>Room 101, Building 1, No. 5 of Jinzhong Road, Dongcheng Street, Dongguan City,<br>Guangdong Province, China<br>电话/Tel: 15015165612 邮箱/Mail: official@hdtl-lab.com<br>网址/Website: https://www.hdtl-lab.com/ |  |                                    |                                    |            |
| 电池信息 Battery Information                                |  |  |                                    |                                    |            |
| 名称<br>Name  | 可充电锂离子电池组<br>Rechargeable Li-ion Battery Pack  | 电池/电芯类别<br>Battery/Cell Classification |                                    | 锂离子电池<br>Li-ion Battery            |            |
| 型号<br>Type  | LS-EP-YY-13S5P   | 商标<br>Trademark                        |                                    | /                                  |            |
| 额定电压<br>Normal Voltage                                  | 48V  | 额定容量<br>Rated Capacity                 |                                    | 13Ah                               |            |
| 额定能量<br>Watt-hour rating                                | 624Wh  | 外观/Appearance                          |                                    | 黑色近长方体<br>Approximate Black Cuboid |            |
| 质量/Mass   | 3.95kg   | 锂含量/Li Content                         |                                    | 不适用 N/A                            |            |
| 测试信息 Test Information                                   |  |  |                                    |                                    |            |
| 测试报告编号<br>Test Report Number                            | RHDTL260323033   |  | 测试报告签发日期<br>Date of Test Report    | 2026-04-16                         |            |
| 测试标准<br>Edition of UN Manual of Tests and Criteria Used | 联合国《试验和标准手册》(第8版) 38.3节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Subsection 38.3  |  |                                    |                                    |            |
| T.1: 高度模拟<br>Altitude Simulation                        | 通过<br>Pass   | T.2: 温度试验<br>Thermal Test              | 通过<br>Pass                         | T.3: 振动<br>Vibration               | 通过<br>Pass |
| T.4: 冲击<br>Shock  | 通过<br>Pass   | T.5: 外部短路<br>External Short Circuit    | 通过<br>Pass                         | T.6: 撞击/挤压<br>Impact/Crush         | 通过<br>Pass |
| T.7: 过度充电<br>Overcharge                                 | 通过<br>Pass   | T.8: 强制放电<br>Forced Discharge          | 通过<br>Pass                         | /                                  |            |
| UN38.3.3.1(f)或/or<br>UN38.3.3.2(d)                      | 不适用 N/A  |  | UN38.3.3.1(g)或/or<br>UN38.3.3.2(e) | 不适用 N/A                            |            |
| 备注 Note   | /  |  |                                    |                                    |            |
| 签名<br>Signatory<br>职务<br>Title                          | <br>检验员   |  | 签发日期<br>Issued Date                | 2026-04-16                         |            |