

## 锂电芯或锂电池 UN38.3 试验概要 Lithium Cell or Battery UN38.3 Test Summary

报告号 Report no.: ORT251126112206-R01

| 锂电芯或锂电池信息 Sample Information                                                                                                                                                                                                                                                                                                                                                                                                             |                          | 试验项目 Test items                                                                                                                                                                                                                                                                                                 |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 样品名称 Sample name: 锂离子电池组 Li-ion Battery                                                                                                                                                                                                                                                                                                                                                                                                  |                          | T1 高度模拟 Altitude simulation                                                                                                                                                                                                                                                                                     | 通过 PASS    |
| 型号 Model: 48V120Ah                                                                                                                                                                                                                                                                                                                                                                                                                       |                          | T2 温度试验 Thermal test                                                                                                                                                                                                                                                                                            | 通过 PASS    |
| 规格 Ratings: 48V, 120Ah, 5760Wh                                                                                                                                                                                                                                                                                                                                                                                                           |                          | T3 振动 Vibration                                                                                                                                                                                                                                                                                                 | 通过 PASS    |
| 外观形状 appearance: 银色近长方体<br>Approximate Silver Cuboid                                                                                                                                                                                                                                                                                                                                                                                     |                          | T4 冲击 Shock                                                                                                                                                                                                                                                                                                     | 通过 PASS    |
| 重量 Weight: 26.10 kg                                                                                                                                                                                                                                                                                                                                                                                                                      |                          | T5 外部短路 External short circuit                                                                                                                                                                                                                                                                                  | 通过 PASS    |
| 电池类型 Type:<br><br><input type="checkbox"/> 锂离子电芯<br>Lithium ion cell<br><br><input type="checkbox"/> 锂金属电芯<br>Lithium metal cell<br><br><input type="checkbox"/> 单芯锂离子电池<br>Single Lithium ion battery<br><br><input type="checkbox"/> 锂金属电池组<br>Lithium battery pack<br><br><input checked="" type="checkbox"/> 锂离子电池组<br>Lithium ion battery pack                                                                                      | T6 挤压 Crush              | 通过 PASS                                                                                                                                                                                                                                                                                                         |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          | T7 过度充电 Overcharge       | 通过 PASS                                                                                                                                                                                                                                                                                                         |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          | T8 强制放电 Forced discharge | 通过 PASS                                                                                                                                                                                                                                                                                                         |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                                                                                                                                                                                                                                                                                                 |            |
| 测试实验室 Test laboratory<br>名称: 深圳市优瑞特检测技术有限公司<br>Name: Shenzhen ORT Technical Services Co., Ltd.<br>地址: 深圳市龙岗区横岗街道四联社区二二八工业区彩丽工业园 1C 座厂房 101、102<br>Address: 101, 102, Block 1C, Caili Industrial Park, 228 Industrial Zone, Silian Community, Henggang Street, Longgang District, Shenzhen, Guangdong, China<br>电话 Tel: 0755-27817553<br>网址 Website: http://www.ort-ts.com<br>邮箱 Email: Service@ort-ts.com                                |                          | 生产单位 Manufacturer Information<br>名称: 邢台芯越新能源科技有限公司<br>Name: Xingtai Xinyue New Energy Technology Co., Ltd.<br>地址: 河北省邢台市隆尧县北楼乡周张村村南<br>Address: South of Zhouzhang Village, Beilou Township, Longyao County, Xingtai City, Hebei Province<br>电话 Tel: 18938191986<br>网址 Website: /<br>邮箱 Email: 362499615@qq.com |            |
| 试验报告信息 Test report information<br>试验依据 Test reference<br>联合国《试验和标准手册》（第 8 修订版）38.3 节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Subsection 38.3<br>集成电池组试验要求 Reference to assembled battery testing requirements:<br><input checked="" type="checkbox"/> 不适用 Not applicable <input type="checkbox"/> UN38.3.3(f) 小型集成电池 small battery assemblies<br><input type="checkbox"/> UN 38.3.3(g) 大型集成电池 Large battery assemblies |                          |                                                                                                                                                                                                                                                                                                                 |            |
| 授权签字人<br>Approved By                                                                                                                                                                                                                                                                                                                                                                                                                     | 刘文威                      | 报告日期 Report date                                                                                                                                                                                                                                                                                                | 2025-12-12 |