

# 锂电池/钠离子电池 UN38.3 试验概要 Test Summary

| 单位信息 Company Information                                |                                                                                                                                                                                                                                                                                                                                            |                                        |                                    |                               |            |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-------------------------------|------------|
| 委托单位<br>Consignor                                       | 通宇新科技有限公司 TONGYU TECHNOLOGY LIMITED                                                                                                                                                                                                                                                                                                        |                                        |                                    |                               |            |
| 制造商<br>Manufacturer                                     | 通宇新科技有限公司 TONGYU TECHNOLOGY LIMITED<br>广东省中山市东区岐关西路 69 号<br>No. 69 Qiguan West Road, East District , Zhongshan City, Guangdong China<br>电话/Tel: (0760)88809181 邮箱/Mail: zi@tongyu-tech.com<br>网址/Website:https://www.tongyu-tech.com/                                                                                                      |                                        |                                    |                               |            |
| 测试单位<br>Test Lab                                        | 深圳市方略检测有限公司 Shenzhen STE Testing Laboratory Co., Ltd.<br>深圳市龙华区观澜街道牛湖社区裕昌路 63 号宏德厂厂房 9 栋 3 楼<br>3/F, Building 9, Hongde Factory Building, No. 63 Yuchang Road, Niuahu Community,<br>Guanlan Street, Longhua District, Shenzhen, China<br>电话/Tel: +86-755-2373 0717 邮箱/Mail: verification@stecert.com<br>网址/Website: http://www.stecert.com |                                        |                                    |                               |            |
| 电池信息 Battery Information                                |                                                                                                                                                                                                                                                                                                                                            |                                        |                                    |                               |            |
| 名称<br>Name                                              | 锂电池组<br>Lithium 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                                              | JW2412                                                                                                                                                                                                                                                                                                                                     | 商标<br>Trademark                        |                                    | /                             |            |
| 额定电压<br>Normal Voltage                                  | 24V                                                                                                                                                                                                                                                                                                                                        | 额定容量<br>Rated Capacity                 |                                    | 12Ah                          |            |
| 额定能量<br>Watt-hour rating                                | 288Wh                                                                                                                                                                                                                                                                                                                                      | 外观/Appearance                          |                                    | 黑色近长方体<br>Black almost cuboid |            |
| 质量/Mass                                                 | 3042.1g                                                                                                                                                                                                                                                                                                                                    | 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                            | STE08062601S                                                                                                                                                                                                                                                                                                                               |                                        | 测试报告签发日期<br>Date of Test Report    |                               | 2026-09-03 |
| 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 版修订一) 38.3 节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Amend.1/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    |
| 签名 Signatory<br>职务 Title                                |                                                                                                                                                                                                                                                         |                                        | 签发日期<br>Issued Date                | 2026.09.03                    |            |