

# 锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: TSZ24M3018A03-02

| 单位信息 Company Information                                      |                                                                                                                                                                                                                                                             |                                        |                                    |                                               |            |
|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-----------------------------------------------|------------|
| 委托单位<br>Consignor                                             | 安思博机器人(新加坡)有限公司<br>ANTHBOT (SG) PTE. LTD.                                                                                                                                                                                                                   |                                        |                                    |                                               |            |
| 生产单位<br>Manufacturer                                          | 广东力科新能源有限公司 Guangdong Pow-Tech New Power Co.,Ltd.<br>东莞市寮步镇横坑石岭工业区横东三路 9 号<br>No.9, Hengdong 3Rd, Hengkeng Shiling industry Zone, Liaobu Town, Dongguan, P.R. China<br>电话/Tel: 13923811075 邮箱/Mail: pt@szpowtech.com.cn<br>网址/Website: www.szpowtech.com.cn |                                        |                                    |                                               |            |
| 测试单位<br>Test Lab                                              | 深圳天溯计量检测股份有限公司 Shenzhen Tiansu Calibration and Testing Co., Ltd.<br>广东省深圳市龙岗区锦龙大道 2 号<br>No.2, Jinlong Avenue, Longgang District, Shenzhen, Guangdong, China<br>电话/Tel: 0755-89457984 邮箱/Mail: tsjc@tiansu.org<br>网址/Website: www.tiansu.org                |                                        |                                    |                                               |            |
| 电池信息 Battery Information                                      |                                                                                                                                                                                                                                                             |                                        |                                    |                                               |            |
| 名称<br>Name                                                    | 可充电锂离子电池<br>Rechargeable<br>Li-ion Battery                                                                                                                                                                                                                  | 电池/电芯类别<br>Battery/Cell Classification |                                    | 锂离子电池<br>Li-ion Battery                       |            |
| 型号<br>Type                                                    | C1582A1                                                                                                                                                                                                                                                     | 商标<br>Trademark                        |                                    | /                                             |            |
| 额定电压<br>Normal Voltage                                        | 18V                                                                                                                                                                                                                                                         | 额定容量<br>Rated Capacity                 |                                    | 5000mAh                                       |            |
| 额定能量<br>Watt-hour rating                                      | 90Wh                                                                                                                                                                                                                                                        | 外观/Appearance                          |                                    | 蓝色 近长方体<br>Approximate Blue<br>Cuboid         |            |
| 质量/Mass                                                       | 534.340g                                                                                                                                                                                                                                                    | 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                                  | TSZ24M3018A03-01                                                                                                                                                                                                                                            | 测试报告签发日期<br>Date of Test Report        |                                    | 2024-12-19                                    |            |
| 测试标准<br>Edition of UN Manual<br>of Tests and Criteria<br>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) |                                               |            |
| 签名<br>Signatory<br>职务<br>Title                                | 检验员                                                                                                                                                                                                                                                         |                                        | 签发日期<br>Issued Date                | 2024-12-19<br>报告专用章<br>Report Seal<br>(01-03) |            |