

## UN38.3 Test Summary

### UN38.3 测试概要

Summary of conditions for testing lithium cells or batteries in accordance with

UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Subsection 38.3

依照联合国《试验和标准手册》(第8版) 38.3 节对锂电池或者电池组进行试验的情况概要

|                               |  |
|-------------------------------|--|
| Test Report No. 报告编号          | LP24070263C01-01   |
| Issue Date 签发日期               | 2024-08-21   |
| Product Name 产品名称             | Lithium-ion Battery 锂离子电池  |
| Product Type 产品类别             | Li-ion Battery 锂离子电池   |
| Model 型号                      | YT30197X-C-ZNB   |
| Rating 额定                     | 36V, 6.4Ah, 230.4Wh  |
| Mass 质量                       | 1.59kg   |
| Appearance 外观                 | Approximate Black Cuboid 黑色近长方体  |
| Applicant<br>委托单位             | Suzhou Caulfield Intelligent Technology Co., Ltd.<br>苏州考尔菲德智能科技有限公司  |
| Applicant address<br>委托单位地址   | Room 1130, Building 1, No.18 Taiping South Road, Chengxiang Town, Taicang City, Suzhou City, Jiangsu Province<br>江苏省苏州市太仓市城厢镇太平南路18号1幢1130室  |
| Manufacturer<br>制造商           | Spard New Energy Co., Ltd<br>中山市世豹新能源有限公司  |
| Manufacturer address<br>制造商地址 | One of the workshops at No.10, Yuyi Road, South China modern traditional chinese medicine City, Nanlang Town, Zhongshan City, Guangdong Province, China<br>广东省中山市南朗镇华南现代中医药城于意路10号厂房之一 |
| Factory<br>工厂                 | Spard New Energy Co., Ltd<br>中山市世豹新能源有限公司  |
| Factory address<br>工厂地址       | One of the workshops at No.10, Yuyi Road, South China modern traditional chinese medicine City, Nanlang Town, Zhongshan City, Guangdong Province, China<br>广东省中山市南朗镇华南现代中医药城于意路10号厂房之一 |
| Tel 电话                        | +86-0760-23699093  |
| E-mail 邮箱                     | cgytpower@126.com  |

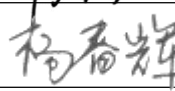
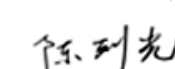
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| Test items and results 测试项目及结果                                   |  |   |  |
|--|--|---|--|
| T.1-Altitude simulation<br>高度模拟                                  | Pass 合格  | T.5-External short circuit<br>外部短路  | Pass 合格  |
| T.2-Thermal Test<br>温度试验   | Pass 合格  | T.6-Impact/Crush<br>撞击/挤压   | Pass 合格  |
| T.3-Vibration<br>振动  | Pass 合格  | T.7-Overcharge<br>过度充电  | Pass 合格  |
| T.4-Shock<br>冲击  | Pass 合格  | T.8-Forced discharge<br>强制放电  | Pass 合格  |
| Reference to assembled battery testing requirements<br>集成电池组试验要求 | <input checked="" type="checkbox"/> Not Applicable不适用<br><input type="checkbox"/> 38.3.3 (f) <input type="checkbox"/> 38.3.3 (g) |   |  |
| i - Overcharge过度充电   | Not Applicable不适用  |   |  |
| ii - Short circuits短路  | Not Applicable不适用  |   |  |
| iii - Over discharge between the batteries<br>电池组之间过度放电          | Not Applicable不适用  |   |  |
| Test Reference<br>测试依据   | UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Subsection 38.3<br>联合国《试验和标准手册》(第8版) 38.3节                                |   |  |
| Test Laboratory<br>测试实验室   | Dongguan Lepont Testing Service Co., Ltd.<br>东莞市力邦检测服务有限公司   |   |  |
| Laboratory Address<br>实验室地址                                      | Room 202, Building 1, No. 65, Jiulong Road, Dongcheng Subdistrict,<br>Dongguan, Guangdong, China<br>广东省东莞市东城街道九龙路 65 号 1 栋 202 室 |   |  |
| Tel.电话   | +86-(0769)-8308 9988   |   |  |
| Website网址  | <a href="http://www.lepont.com.cn">http://www.lepont.com.cn</a>  |   |  |
| Tested by:<br>检测:  | Test Engineer:<br>测试工程师:   |  | <br>东莞市力邦检测服务有限公司<br>Dongguan Lepont Testing Service<br>Co., Ltd.<br>(Stamp 签章) |
| Reviewed by:<br>审核人:   | Technical Manager<br>技术经理  |  |  |
| Approved by:<br>批准人:   | Technical director:<br>技术总监:   |  |  |