

锂电池 UN38.3 试验概要 Lithium Battery Test Summary

项目编号: TSZ24020151-P03-R03

| 单位信息 Company Information                                      |                                                                                                                                                                                                                                                                                                                                                    |                                     |                                        |                                                                                       |                                                  |
|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------|
| 委托单位<br>Consignor                                             | 深圳市格伏恩新能源科技有限公司<br>Shenzhen GivEnergy Co.,Ltd                                                                                                                                                                                                                                                                                                      |                                     |                                        |                                                                                       |                                                  |
| 生产单位<br>Manufacturer                                          | 深圳市格伏恩新能源科技有限公司 Shenzhen GivEnergy Co.,Ltd<br>广东省深圳市宝安区石岩街道宝源社区料坑第一工业区 21 号一层二层三层<br>1st Floor, 2nd Floor, 3rd Floor, No.21, Liaokeng 1st Industrial Park,Baoyuan Community,<br>Shiyan Sub-district, Bao'an District, Shenzhen,Guangdong Province, China.<br>电话/Tel: 18676690878 邮箱/Mail: john.yu@givenenergy.cn<br>网址/Website: www.givenenergy.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 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                                                    | GIV-BAT-9.5-G3                                                                                                                                                                                                                                                                                                                                     |                                     | 商标<br>Trademark                        |                                                                                       | GivEnergy                                        |
| 额定电压<br>Normal Voltage                                        | 51.2V                                                                                                                                                                                                                                                                                                                                              |                                     | 额定容量<br>Rated Capacity                 |                                                                                       | 186Ah                                            |
| 额定能量<br>Watt-hour rating                                      | 9523Wh                                                                                                                                                                                                                                                                                                                                             |                                     | 外观/Appearance                          |                                                                                       | 白色和黑色 近长方体<br>Approximate White and Black Cuboid |
| 质量/Mass                                                       | 85.091kg                                                                                                                                                                                                                                                                                                                                           |                                     | 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                                  | TSZ24020151-P03-R01                                                                                                                                                                                                                                                                                                                                |                                     | 测试报告签发日期<br>Date of Test Report        |                                                                                       | 2024-04-25                                       |
| 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 7 版修订 1）38.3 节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend1/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(f)                                                   | 不适用 N/A                                                                                                                                                                                                                                                                                                                                            |                                     | UN38.3.3(g) 不适用 N/A                    |                                                                                       |                                                  |
| 签名<br>Signatory<br>职务<br>Title                                | 检验员                                                                                                                                                                                                                                                                                                                                                |                                     | 签发日期<br>Issued Date                    |  |                                                  |