

UN38.3 Lithium Battery (Cell) Test Summary

UN38.3 锂电池(电芯)试验概要

No. : RZUN2024-4950-M1-TS

|                                                                     |                                                                                  |                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cell or Battery Information 电池/电芯信息                                 |                                                                                  |                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Name 名称:                                                            |                                                                                  | Li-ion Battery / 锂离子电池                                                                                                                                                                                                                     |                                          | Other Physical Description:<br>其它相关描述:<br>RZUN2024-4950-M1 is transformed from Original report RZUN2024-4950 which is issued on 2024.08.23.<br>RZUN2024-4950-M1 是 RZUN2024-4950 的变更报告, 原报告签发于 2024 年 08 月 23 日。<br>The English and French nameplates were added from the original English nameplates changed in this report, the modified items did not change the key materials, design and production process of the sample of original report, the production factory entity has no change.<br>本报告中变更了 V5°由原英文铭牌增加英法铭牌, 该变更未改变原报告中样品的关键材料, 产品设计和生产工艺, 生产厂也未改变。 |
| Type/Model 型号规格:                                                    |                                                                                  | V5°/V5°α/DLFP-V5/V5BATTERY 51.2V 100Ah 5.12kWh                                                                                                                                                                                             |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Color 颜色:                                                           |                                                                                  | Silver or White or Black /银色或白色或黑色                                                                                                                                                                                                         |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Shape 形状:                                                           |                                                                                  | Prismatic/棱柱形                                                                                                                                                                                                                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Completed Battery/Cell Mass 电池/电芯整体质量                               |                                                                                  | 44.3kg ~ 45.5kg                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/>                                 | Belongs to Lithium-ion Battery/Cell, the Wh rating is 属于锂离子电池/电芯, 瓦时数为           |                                                                                                                                                                                                                                            | 5.12kWh                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input type="checkbox"/>                                            | Belongs to Lithium metal Battery/Cell, the Lithium content is 属于锂金属电池/电芯, 锂金属含量为 |                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer Information 制造商信息                                      |                                                                                  |                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer: 制造商:                                                  |                                                                                  | Shanghai PYTES Energy Co.,Ltd. 上海派智能源股份有限公司                                                                                                                                                                                                |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Address: 地址:                                                        |                                                                                  | No.3492JinqianRoad,QingcunTown,FengxianDistrict,Shanghai,China 上海市奉贤区青村镇金钱公路 3492 号                                                                                                                                                        |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Telephone 电话:                                                       |                                                                                  | 13104603326                                                                                                                                                                                                                                | Email 电邮:                                | lin_zhang_lz@pytesgroup.com                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Website 网址:                                                         |                                                                                  | http://www.pytesgroup.com/                                                                                                                                                                                                                 |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Laboratory Information 检测试验室信息                                      |                                                                                  |                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Laboratory: 检测试验室:                                                  |                                                                                  | CVC Testing Technology Co., Ltd. 威凯检测技术有限公司                                                                                                                                                                                                |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Address: 地址:                                                        |                                                                                  | No.3, Tiantai 1st Road, Kaitai Avenue, Science City, Guangzhou, Guangdong, China. Building D, BASIGO INTELLIGENT, No.179, Guangpu East Road, Huangpu District, Guangzhou, P. R. China. 广东省广州市科学城开泰大道天泰一路 3 号 广东省广州市黄埔区光谱东路 179 号百事高智慧园 D 栋 |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Tel 电话:                                                             |                                                                                  | +86-20-32293888                                                                                                                                                                                                                            | Email 电邮:                                | office@cvc.org.cn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Website 网址:                                                         |                                                                                  | http://www.cvc.org.cn                                                                                                                                                                                                                      |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UN38.3 Test conducted and results UN38.3 试验项目和结果                    |                                                                                  |                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test Report ID 检测报告编号:                                              |                                                                                  | RZUN2024-4950-M1                                                                                                                                                                                                                           | Date of Test Report 检测报告签发日期: 2024-10-11 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manual of Test and Criteria version / amendment: 试验和标准手册版本号/修订版:    |                                                                                  |                                                                                                                                                                                                                                            | ST/SG/AC.10/11/Rev.8/Section 38.3        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| List of Tests Completed 已完成的试验项目清单                                  |                                                                                  |                                                                                                                                                                                                                                            |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Test Items 试验项目                                                     |                                                                                  | Pass 通过                                                                                                                                                                                                                                    | Fail 失败                                  | Reference to assembled battery testing requirement: 关于组合电池的试验要求:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <input checked="" type="checkbox"/> T.1 Altitude Simulation 高度模拟    |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 | <input checked="" type="checkbox"/> Not applicable 不适用                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="checkbox"/> T.2 Thermal Test 温度试验           |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 | <input type="checkbox"/> Applicable, reference to 38.3.3 (f) 适用于 38.3.3 (f)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <input checked="" type="checkbox"/> T.3 Vibration 振动                |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 | <input type="checkbox"/> Applicable, reference to 38.3.3 (g) 适用于 38.3.3 (g)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <input checked="" type="checkbox"/> T.4 Shock 冲击                    |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 | Other executive standards/其他执行标准:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <input checked="" type="checkbox"/> T.5 External Short Circuit 外部短路 |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/> T.6 Impact/ Crush 撞击/ 挤压        |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/> T.7 Overcharge 过度充电             |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <input checked="" type="checkbox"/> T.8 Forced Discharge 强制放电       |                                                                                  | <input checked="" type="checkbox"/>                                                                                                                                                                                                        | <input type="checkbox"/>                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Note: The test results of this summary are only valid for the tested samples listed in test report RZUN2024-4950-M1.

注: 此摘要的测试结果仅对测试报告 RZUN2024-4950-M1 中列出的测试样品有效

Title/职务:Manager/经理Seal of CVC  
CVC 盖章

Signatory/签发人:张思瑶(张思瑶)