



# UN38.3 试验概要

## UN38.3 Test Summary



| 单位信息 Company information           |                                                                                                                                                                                                          |                                |                                                           |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------|
| 委托单位<br>Consignor                  | 惠州亿纬锂能股份有限公司 EVE Energy Co., Ltd.<br>广东省惠州市仲恺高新区惠风七路 38 号 NO.38,HuiFeng 7th Road,Zhongkai Hi-Tech Zone,HuiZhou,Guangdong,China<br>18588408301 048723@evebattery.com https://www.evebattery.com/          |                                |                                                           |
| 生产单位<br>Manufacturer               | 惠州亿纬锂能股份有限公司 EVE Energy Co., Ltd.<br>广东省惠州市仲恺高新区惠风七路 38 号 NO.38,HuiFeng 7th Road,Zhongkai Hi-Tech Zone,HuiZhou,Guangdong,China<br>18588408301 048723@evebattery.com https://www.evebattery.com/          |                                |                                                           |
| 测试单位<br>Test lab                   | 上海化工院检测有限公司 Shanghai Institute of Chemical Industry Testing Co., Ltd.<br>中国.上海.普陀区云岭东路 345 号, 200062 No.345 East Yunling Road, Putuo, Shanghai, China 200062<br>86-21-31765555 battery@ghs.cn www.ghs.cn |                                |                                                           |
| 电池信息 Battery information           |                                                                                                                                                                                                          |                                |                                                           |
| 名称<br>Name                         | 可充电锂离子电池<br>Rechargeable Li-ion Battery                                                                                                                                                                  | 品牌<br>Brand                    | /                                                         |
| 型号<br>Type                         | PL412631FPC                                                                                                                                                                                              | 原始测试型号<br>Original tested type | /                                                         |
| 标称电压(V)<br>Nominal voltage         | 3.87                                                                                                                                                                                                     | 容量/能量<br>Capacity/energy       | 475mAh 1.84Wh                                             |
| 描述<br>Description                  | 可充电锂离子单电芯电池<br>Rechargeable Li-ion single cell battery                                                                                                                                                   | 锂含量(g)<br>Li content           | /                                                         |
| 质量(kg)<br>Mass                     | 0.00704                                                                                                                                                                                                  | 外观<br>Appearance               | 黑色, 银色双色铝塑外壳<br>black and silvery aluminum-plastics shell |
| 测试信息 Test information              |                                                                                                                                                                                                          |                                |                                                           |
| 原报告编号<br>Original test report No.  | 1123040510                                                                                                                                                                                               | 测试报告日期<br>Date of test report  | 2023-06-13                                                |
| 测试标准<br>Test standard              | 联合国《试验和标准手册》第 38.3 章 UNITED NATIONS Manual of Tests and Criteria 38.3 ST/SG/AC.10/11/Rev.7                                                                                                               |                                |                                                           |
| T.1 高度模拟<br>Altitude simulation    | 合格 Passed                                                                                                                                                                                                | T.2 温度测试<br>Thermal test       | 合格 Passed                                                 |
| T.3 振动测试<br>Vibration              | 合格 Passed                                                                                                                                                                                                | T.4 冲击测试<br>Shock              | 合格 Passed                                                 |
| T.5 外部短路<br>External short circuit | 合格 Passed                                                                                                                                                                                                | T.6 挤压<br>Crush                | 合格 Passed                                                 |
| T.7 过度充电<br>Overcharge             | 合格 Passed                                                                                                                                                                                                | T.8 强制放电<br>Forced discharge   | 合格 Passed                                                 |
| 38.3.3 (f)                         | /                                                                                                                                                                                                        | 38.3.3 (g)                     | /                                                         |





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812300300835747

### 样品图片 Sample Picture



Rechargeable Li-ion Battery  
Mfr.:惠州亿纬锂能股份有限公司  
Model:PL412631FPC 1ICP4/26/31  
Rated Capacity:475mAh/1.84Wh  
Nominal Voltage:3.87V  
充电限制电压:4.45V



XUXXXXXX-XXXXX



|                          |                                                                                                                                                                                    |                           |                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|
| 结论<br>Conclusion         | 测试样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.738.3 标准要求。The tested samples meet the requirements of test items of the UNITED NATIONS Manual of Tests and CriteriaST/SG/AC.10/11/Rev.7 38.3 |                           |                |
| 备注<br>Remark             | /                                                                                                                                                                                  |                           |                |
| 签名 Signature<br>职务 Title | 王寅<br>副总工程师 Vice chief engineer                                                                                                                                                    | 王寅<br>签发日期<br>Issued date | 2023-06-15<br> |

-验证码:960707-

\*\*\*报告结束\*\*\*