



# UN38.3 试验概要

## UN38.3 Test Summary



| 单位信息 Company information           |                                                                                                                                                                                                                                                                 |                                |                                       |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|
| 委托单位<br>Consignor                  | 东莞新能德科技有限公司 Dongguan NVT Technology Co., Ltd.<br>中国广东省东莞市松山湖园区兴惠路 1 号 No.1 Xinghui Road, Songshan Lake Park,<br>Dongguan City, Guangdong Province, P.R. China<br>13532382956                      zhongdavid@nvtpower.com                      www.nvtpower.com |                                |                                       |
| 生产单位<br>Manufacturer               | 东莞新能德科技有限公司 Dongguan NVT Technology Co., Ltd.<br>中国广东省东莞市松山湖园区兴惠路 1 号 No.1 Xinghui Road, Songshan Lake Park,<br>Dongguan City, Guangdong Province, P.R. China<br>13532382956                      zhongdavid@nvtpower.com                      www.nvtpower.com |                                |                                       |
| 测试单位<br>Test lab                   | 东莞新能德科技有限公司 Dongguan NVT Technology Co., Ltd.<br>中国广东省东莞市东坑镇兴国道东坑段 8 号 No.8, Xingguo Road, Dongkeng Town,<br>Dongguan City, Guangdong Province, P.R. China<br>13532382956                      zhongdavid@nvtpower.com                      www.nvtpower.com    |                                |                                       |
| 电池信息 Battery information           |                                                                                                                                                                                                                                                                 |                                |                                       |
| 名称<br>Name                         | 二次锂电池组 Rechargeable<br>Li-ion Battery                                                                                                                                                                                                                           | 品牌<br>Brand                    | /                                     |
| 型号<br>Type                         | LGOHJX7                                                                                                                                                                                                                                                         | 原始测试型号<br>Original tested type | LGOHJX7                               |
| 标称电压(V)<br>Nominal voltage         | 3.85                                                                                                                                                                                                                                                            | 容量/能量<br>Capacity/energy       | 450mAh / 1.74Wh                       |
| 描述<br>Description                  | 可充电锂离子单电芯电池<br>Rechargeable Li-ion single cell<br>battery                                                                                                                                                                                                       | 锂含量(g)<br>Li content           | /                                     |
| 质量(kg)<br>Mass                     | 0.00924                                                                                                                                                                                                                                                         | 外观<br>Appearance               | 黑色塑胶外壳 Black<br>plastics cement shell |
| 测试信息 Test information              |                                                                                                                                                                                                                                                                 |                                |                                       |
| 原报告编号<br>Original test report No.  | WT23122913                                                                                                                                                                                                                                                      | 测试报告日期<br>Date of test report  | 2024-01-26                            |
| 测试标准<br>Test standard              | 联合国《试验和标准手册》第 38.3 章 UNITED ST/SG/AC.10/11/Rev.7&Am<br>NATIONS Manual of Tests and Criteria 38.3 end.1                                                                                                                                                          |                                |                                       |
| 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)                     | /                                     |





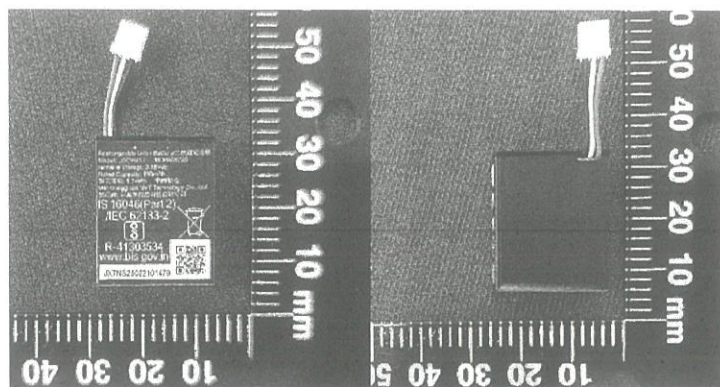
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812500800421467

### 样品图片 Sample Picture



|                          |                                                                                                                                                                                                    |                     |            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|
| 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.7&Amend.138.3 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&Amend.1 38.3 |                     |            |
| 备注<br>Remark             | /                                                                                                                                                                                                  |                     |            |
| 签名 Signature<br>职务 Title | 王寅<br>副总工程师 Vice chief engineer                                                                                                                                                                    | 签发日期<br>Issued date | 2025-03-14 |



-验证码:849853-

\*\*\*报告结束\*\*\*