



锂电池或锂电池组 UN38.3 试验概要

Lithium Cell or Battery UN38.3 Test Summary

单位信息 Company information:

| | | |
|---------------------|-------------|--|
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样品信息 Sample information:

| | | | |
|---|---|------------------------------|--------------------------------------|
| 样品名称 Sample name | 可充电锂离子电池 Rechargeable Li-Ion Battery | 样品型号 Sample model | HD11.1-5 (11.1V5Ah) 3S1P NMC21700 |
| 原始测试型号 Original tested type | / | 产品参数 Sample parameter | 11.1V 5Ah |
| 样品质量 Sample mass | 243.36g | 额定瓦时 Watt-hour rating | 55.5Wh |
| 电池或电池组类型 cell or battery type | 锂离子电池 Lithium ion battery | 物理形状 Physical description | 蓝色棱柱形 Blue Prismatic |
| 原 UN38.3 报告编号 Original UN38.3 report No. | / | 测试报告日期 Test report date | / |
| UN38.3 报告编号 UN38.3 Report No. | MRIBIDSG4418387U5 | 报告日期 Report date | 2023-10-27 |



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测试方法 Test method:

《试验和标准手册》第七修订版修正1 第III部分 38.3 章节
Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.7/Amend.1 Part III sub-section 38.3)

测试项目及结论 Test item & conclusion:

| 测试项目 Test item | 结论 Conclusion | 测试项目 Test item | 结论 Conclusion |
|---------------------------------|---|------------------------------------|-------------------------------|
| T1: 高度模拟 Altitude Simulation | 通过 Pass | T5: 外部短路 External short circuit | 通过 Pass |
| T2: 温度试验 Thermal test | 通过 Pass | T6: 撞击 Impact | 通过 Pass |
| T3: 振动 Vibration | 通过 Pass | T7: 过度充电 Overcharge | 通过 Pass |
| T4: 冲击 Shock | 通过 Pass | T8: 强制放电 Forced discharge | 通过 Pass |
| 38.3.3 (f) | 不适用 Not Applicable | 38.3.3 (g) | 不适用 Not Applicable |
| 样品图片 Sample Picture | | | |
| 测试结论 Test Conclusion | 测试样品符合《试验和标准手册》第七修订版修正1 第III部分 38.3 章节要求。 The tested samples meet the requirements of test items of the Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.7/Amend.1 Part III sub-section 38.3). | | |
| 备注 Remark | / | | |
| 签名 Signature | 郑春梅 技术主管 Technical Director | | 发布日期 Issue date 2023-10-27 |