



NO.1121010197

# 检测报告

## Test Report

样品名称: 可充电锂离子电池组 18650 1S2P 3.7V 4400mAh 16.28Wh

Name of Sample:

委托单位:

宁波昕源新能源科技有限公司

Consignor:



上海化工院检测有限公司

Shanghai Institute of Chemical Industry Testing Co., Ltd.

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|                             |                                                                                                                                                                                                                                                                                       |                                           |                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------|
| 样品名称<br>Name of Sample      | 中文<br>Chinese                                                                                                                                                                                                                                                                         | 可充电锂离子电池组 18650 1S2P 3.7V 4400mAh 16.28Wh |                             |
|                             | 英文<br>English                                                                                                                                                                                                                                                                         |                                           |                             |
| 样品编号<br>Sample No.          | 1121010197                                                                                                                                                                                                                                                                            |                                           |                             |
| 委托单位<br>Consignor           | 宁波昕源新能源科技有限公司                                                                                                                                                                                                                                                                         |                                           |                             |
| 生产单位<br>Manufacturer        | 宁波昕源新能源科技有限公司                                                                                                                                                                                                                                                                         |                                           |                             |
| 检测方法<br>Test method         | 联合国《关于危险货物运输的建议书 试验和标准手册》<br>ST/SG/AC.10/11/Rev.6 Amend.1 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 Amend.1 Section 38.3                                                                            |                                           |                             |
| 判定标准<br>Criterion           | 联合国《关于危险货物运输的建议书 试验和标准手册》<br>ST/SG/AC.10/11/Rev.6 Amend.1 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 Amend.1 Section 38.3                                                                            |                                           |                             |
| 样品外观<br>Appearance          | 蓝色 塑料薄膜外壳<br>Blue Plastic film shell                                                                                                                                                                                                                                                  |                                           |                             |
| 样品接受日期<br>Accepted Date     | 2021-01-10                                                                                                                                                                                                                                                                            | 检测起迄日期<br>Test Date                       | 2021-01-18 ~ 2021-02-08     |
| 检测项目<br>Test Items          | 高度模拟;热测试;振动;冲击;外短路;撞击;过充电;强制放电<br>Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Impact, Overcharge, Forced discharge                                                                                                                                   |                                           |                             |
| 检测结论<br>Conclusion          | 经检测,该样品符合联合国《关于危险货物运输的建议书 试验和标准手册》<br>ST/SG/AC.10/11/Rev.6 Amend.1 38.3标准要求。<br>The sample has passed the test items of UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 Amend.1 38.3<br>生效日期(Date): 2021-02-08 |                                           |                             |
| 备注<br>Comment               | 可充电锂电池组 Rechargeable Lithium Battery. /                                                                                                                                                                                                                                               |                                           |                             |
| 委托单位地址<br>Consignor Address |                                                                                                                                                                                                                                                                                       |                                           | 邮政编码<br>Post Code<br>315000 |

批准  
Approver: 王军

审核  
Checker: 陈建峰

编制  
Compiler: 陈建峰

职务  
Title: 副总工程师(Vice chief engineer)



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| 序号<br>No.                              | 检测项目名称<br>Name of Test Items  | 标准要求或标准条款号<br>Standard requirement or The Clause Number of Standard                                                                                    | 检测结果<br>Test Result     | 本项结论<br>Conclusion | 备注<br>Remark |
|----------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------|--------------|
| 1                                      | 高度模拟<br>Altitude simulation   | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.1<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.1 | 见附表 1<br>See Appendix 1 | 合格<br>Passed       | /            |
| 2                                      | 热测试<br>Thermal test           | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.2<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.2 | 见附表 2<br>See Appendix 2 | 合格<br>Passed       | /            |
| 3                                      | 振动<br>Vibration               | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.3<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.3 | 见附表 3<br>See Appendix 3 | 合格<br>Passed       | /            |
| 4                                      | 冲击<br>Shock                   | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.4<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.4 | 见附表 4<br>See Appendix 4 | 合格<br>Passed       | /            |
| 5                                      | 外短路<br>External short circuit | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.5<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.5 | 见附表 5<br>See Appendix 5 | 合格<br>Passed       | /            |
| 6                                      | 撞击<br>Impact                  | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.6<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.6 | 见附表 6<br>See Appendix 6 | 合格<br>Passed       | /            |
| 7                                      | 过充电<br>Overcharge             | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.7<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.7 | 见附表 7<br>See Appendix 7 | 合格<br>Passed       | /            |
| 8                                      | 强制放电<br>Forced discharge      | 联合国《关于危险货物运输的建议书 试验和标准手册》ST/Sg/AC.10/11/Rev.6 Amend.1 38.3 试验T.8<br>UN Manual of Tests and Criteria ST/Sg/AC.10/11/Rev.6 Amend.1 Section 38.3 Test T.8 | 见附表 8<br>See Appendix 8 | 合格<br>Passed       | /            |
| 检测环境条件<br>Test Environment Condition   |                               | 环境温度:20℃-23℃;环境湿度:/%<br>Ambient temperature:20℃-23℃;Ambient humidity:/%                                                                                |                         |                    |              |
| 分包检验情况<br>Subcontracted Test Condition |                               | 检测项目<br>Test Item                                                                                                                                      | /                       |                    |              |
|                                        |                               | 分包实验室<br>Subcontracted Laboratory                                                                                                                      | 名称<br>Name              | 邮编<br>Post Code    | /            |
|                                        |                               |                                                                                                                                                        | 地址<br>Address           | 电话<br>Tel          | /            |

## 检测报告-附表1

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## Testing Co., Ltd. Test Report—Appendix 4

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## 检测报告-附表5

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## Testing Co., Ltd. Test Report—Appendix 6

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Note: D-Disassembly F-Fire O-No Disassembly & No Fire.

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检测报告-附表7  
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检测报告-附表8  
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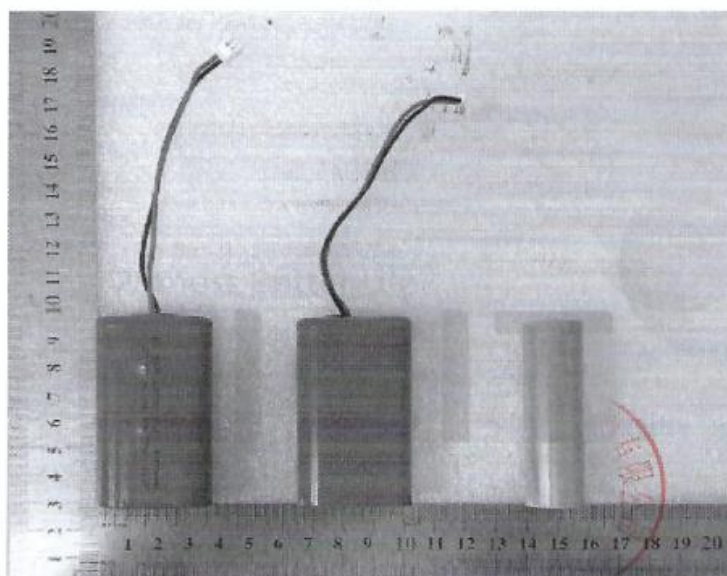
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| 序号<br>No.                                                                          | 8                                   | 检测项目名称<br>Name of Test Items | 强制放电<br>Forced discharge |
|------------------------------------------------------------------------------------|-------------------------------------|------------------------------|--------------------------|
| 样品编号<br>Sample No.                                                                 | 样品状态<br>Sample Status               | 其他现象<br>Other Event          |                          |
| 027                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 028                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 029                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 030                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 031                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 032                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 033                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 034                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 035                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 036                                                                                | 1CYC完全放电<br>1CYC Fully discharged   |                              | O                        |
| 037                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 038                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 039                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 040                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 041                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 042                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 043                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 044                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 045                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 046                                                                                | 25CYC完全放电<br>25CYC Fully discharged |                              | O                        |
| 备注: D-解体 F-起火 O-无解体、无起火。<br>Note: D-Disassembly F-Fire O-No Disassembly & No Fire. |                                     |                              |                          |

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检测报告-附图  
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XY ICR 18650 3.7V 4400mAh  
2021 01 01 16.28Wh 192P

\*\*\*报告结束\*\*\*

