



NO.1119040109

# 检测报告

## Test Report

样品名称: 可充电圆柱锂离子电池 YC18650-3726-1S2P 3.7V  
5200mAh 19.24Wh

Name of Sample: Rechargeable Cylindrical Li-ion battery  
YC18650-3726-1S2P 3.7V 5200mAh 19.24Wh

委托单位: 余姚煜昌电器有限公司

Consignor: /



上海化工院检测有限公司

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.

上海化工院检测有限公司  
检测报告

Shanghai Research Institute of Chemical Industry  
Testing Co., Ltd. Test Report

NO. 1119040109

1/11

|                             |                                                                                                                                                                                                                                                                       |                                                                                |                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------|
| 样品名称<br>Name of Sample      | 中文<br>Chinese                                                                                                                                                                                                                                                         | 可充电圆柱锂离子电池 YC18650-3726-1S2P 3.7V 5200mAh 19.24Wh                              |                             |
|                             | 英文<br>English                                                                                                                                                                                                                                                         | Rechargeable Cylindrical Li-ion battery YC18650-3726-1S2P 3.7V 5200mAh 19.24Wh |                             |
| 样品编号<br>Sample No.          | 1119040109                                                                                                                                                                                                                                                            |                                                                                |                             |
| 委托单位<br>Consignor           | 余姚煜昌电器有限公司                                                                                                                                                                                                                                                            |                                                                                |                             |
| 生产单位<br>Manufacturer        | 长虹格兰博科技股份有限公司<br>ChangHong Grand-Pro Tech Co., Ltd.                                                                                                                                                                                                                   |                                                                                |                             |
| 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 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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 38.3 UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6 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     | 2019-04-08                                                                                                                                                                                                                                                            | 检测起迄日期<br>Test Date                                                            | 2019-04-17 ~ 2019-05-15     |
| 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          | 经检验,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 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 38.3<br>生效日期(Date): 2019-05-16 |                                                                                |                             |
| 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>518104 |

批准  
Approver:  
职务  
Title:

张一凡

副总工程师(Vice chief engineer)

审核  
Checker:

陈建峰

编制  
Compiler:

傅佳



## 检测报告-附表 1

NO. 1119040109

3/11

[illegible]

## SRICI Testing Co., Ltd. Test Report—Appendix 2 NO. 1119040109

NO. 1119040109

4/11

[illegible]

## SRICI Testing Co., Ltd. Test Report—Appendix 3 NO. 1119040109

[illegible]

## SRICI Testing Co., Ltd. Test Report—Appendix 4 NO. 1119040109

NO. 1119040109

6/11

[illegible]

## 检测报告-附表 5

NO. 1119040109

7/11

[illegible]

## SRICI Testing Co., Ltd. Test Report—Appendix 6 NO. 1119040109

8/11

[illegible]

## SRICI Testing Co. , Ltd. Test Report—Appendix 7 NO. 1119040109

NO. 1119040109

9/11

[illegible]

上海化工院检测有限公司

检测报告-附表 8

SRICI Testing Co., Ltd. Test Report—Appendix 8 NO.1119040109

10/11

| 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          |                          |
| 022                                                                                | 1CYC完全放电<br>1CYC Fully discharged   | O                            |                          |
| 023                                                                                | 1CYC完全放电<br>1CYC Fully discharged   | O                            |                          |
| 024                                                                                | 1CYC完全放电<br>1CYC Fully discharged   | O                            |                          |
| 025                                                                                | 1CYC完全放电<br>1CYC Fully discharged   | O                            |                          |
| 026                                                                                | 1CYC完全放电<br>1CYC Fully discharged   | O                            |                          |
| 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                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 033                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 034                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 035                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 036                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 037                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 038                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 039                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 040                                                                                | 50CYC完全放电<br>50CYC Fully discharged | O                            |                          |
| 041                                                                                | 50CYC完全放电<br>50CYC 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. |                                     |                              |                          |

# 上海化工院检测有限公司

## 检测报告

Shanghai Research Institute of Chemical Industry  
Testing Co., Ltd. Test Report

NO. 1119040109

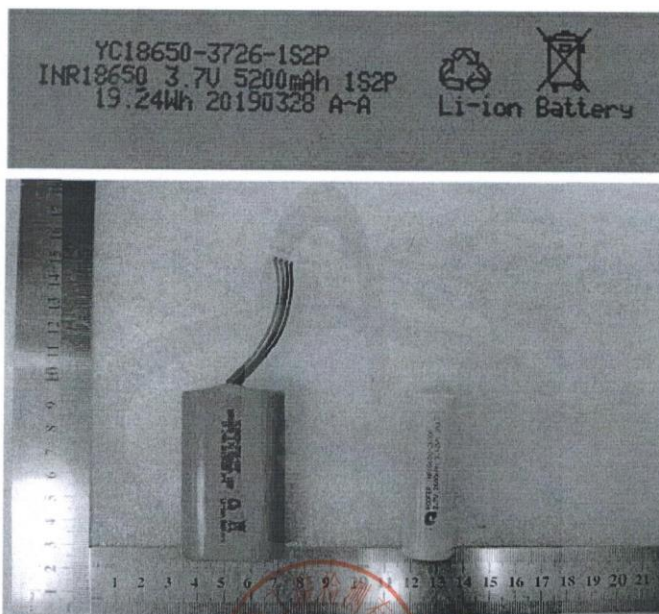
2/11

| 序号<br>No.                                 | 检测项目名称<br>Name of Test<br>Items  | 标准要求或标准条款号<br>Standard requirement or The<br>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<br>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 38.3 试验T.1<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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 38.3 试验T.2<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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 38.3 试验T.3<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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 38.3 试验T.4<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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<br>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 38.3 试验T.5<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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 38.3 试验T.6<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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 38.3 试验T.7<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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 38.3 试验T.8<br>UN Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6 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<br>Condition   |                                  | 环境温度:20℃-24℃;环境湿度:/%<br>Ambient temperature:20℃-24℃;Ambient humidity:/%                                                                   |                         |                    |              |
| 分包检验情况<br>Subcontracted Test<br>Condition |                                  | 检测项目<br>Test Item                                                                                                                         | /                       |                    |              |
|                                           |                                  | 分包实验室<br>Subcontracted<br>Laboratory                                                                                                      | 名称<br>Name              | 邮编<br>Post Code    | /            |
|                                           |                                  |                                                                                                                                           | 地址<br>Address           | 电话<br>Tel          | /            |

上海化工院检测有限公司  
检 测 报 告 - 附 图

SRICI Testing Co., Ltd. Test Report—Appendix NO. 1119040109

11/11



\*\*\*报告结束\*\*\*