

检测概要

Test Summary

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|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------|
| 报告编号 Report No. | RTN-UN-2101-4035 | 报告签发日期 Date of test report | 2021. 2. 19 | 样品名称 Sample name | 二次锂电池组 Rechargeable Li-ion Battery |
| 样品型号 Sample model | 361-00145-00 | 样品规格 Specification | 3.87V 0.87Wh 226mAh | 质量 (g) mass (g) | 3.6g |
| 样品外观 Appearance | 银色尼龙/铝/聚丙烯复合膜, 包裹黄色高温胶带 Silver nylon/Al/PP compound film, bag yellow high temperature tape. | | | | |
| 制造商信息 Manufacturer Information | 制造商名称 Manufacturer Name | 东莞新能源科技有限公司 Dongguan Amperex Technology Limited | | | |
| | 制造商地址 Manufacturer address | 中国广东省东莞市松山湖科技园工业西路1号 West Industrial Road 1#, Songshan Lake Industry Park, Dongguan City, Guangdong Province, P. R. China | | | |
| | 电话号码 Telephone Number | +86-(0)769-8898 9338 | 电子邮箱 E-mail | SSL-Reception@ATLBattery.com | |
| | 网址 Website | www.atlbattery.com | | | |
| 实验室信息 Lab Information | 实验室名称 Lab Name | 东莞新能源科技有限公司中心实验室 Dongguan Amperex Technology Limited Central Lab | | | |
| | 实验室地址 Lab address | 中国广东省东莞市松山湖科技园工业西路1号 West Industrial Road 1#, Songshan Lake Industry Park, Dongguan City, Guangdong Province, P. R. China | | | |
| | 电话号码 Telephone Number | +86-(0)769-8898 9149 | 电子邮箱 E-mail | Lab-Service@ATLBattery.com | |
| | 网址 Website | www.atlbattery.com | | | |
| 序号 No. | 测试项目名称 Name of test items | 检测结果(合格/不合格) Test result (Pass/Fail) | | 备注 Remark | |
| 1 | 高度模拟 Altitude simulation | 合格 Passed | | / | |
| 2 | 温度试验 Thermal | 合格 Passed | | / | |
| 3 | 振动 Vibration | 合格 Passed | | / | |
| 4 | 冲击 Shock | 合格 Passed | | / | |
| 5 | 外部短路 External short-circuit | 合格 Passed | | / | |
| 6 | 挤压/撞击 Crush/Impact | 合格 Passed | | / | |
| 7 | 过度充电 Overcharge | 合格 Passed | | / | |
| 8 | 强制放电 Forced discharge | 合格 Passed | | / | |
| 测试方法和判定标准 Test method and criterion | 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 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 | | | 东莞新能源科技有限公司 中心实验室 Dongguan Amperex Technology Limited Central Lab (签章) (signature) | |
| 签名: Signature: | 郭佳丽: 中心主任 Guo Jiali: Center Director | | | 签发日期: 2021年 2月19日 | |



中国认可
国际互认
检测
TESTING
CNAS L3767

检测报告

Test Report

报告编号 (Report No.): RTN-UN-2101-4035

样品名称: 二次锂电池组

Sample Name: Rechargeable Li-ion Battery

样品型号: 361-00145-00

Sample Model: 361-00145-00

委托单位: 东莞新能源科技有限公司

Consignor: Dongguan Amperex Technology Limited

东莞新能源科技有限公司中心实验室

Dongguan Amperex Technology Limited Central Lab



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|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| 样品名称 Sample name | 二次锂电池组 Rechargeable Li-ion Battery | 测试类别 Test category | 委托检测 After testing |
| 样品型号 Sample model | 361-00145-00 | 样品接收日期 Accepted date | 2021-01-29 |
| 样品规格 Sample specification | 3.87V 0.87Wh | 测试开始日期 Test start date | 2021-01-31 |
| 样品数量(个) Sample quantity (pcs.) | 48 | 测试结束日期 Test end date | 2021-02-15 |
| 委托单位信息 Consignor Information | 委托单位 Consignor | 东莞新能源科技有限公司 Dongguan Amperex Technology Limited | |
| | 委托单位地址 Consignor address | 中国广东省东莞市松山湖科技园工业西路1号 West Industrial Road 1#, Songshan Lake Industry Park, Dongguan City, Guangdong Province, P. R. China | |
| 制造商信息 Manufacturer Information | 制造商名称 Manufacturer Name | 东莞新能源科技有限公司 Dongguan Amperex Technology Limited | |
| | 制造商地址 Manufacturer address | 中国广东省东莞市松山湖科技园工业西路1号 West Industrial Road 1#, Songshan Lake Industry Park, Dongguan City, Guangdong Province, P. R. China | |
| | 电话号码 Telephone Number | +86-(0)769-8898 9338 | 电子邮箱 E-mail SSL-Reception@ATLBattery.com |
| | 网址 Website | www.atlbattery.com | |
| 测试环境条件 Test environment condition | 环境温度: 15°C - 25°C; 环境湿度: 45%~75% Ambient temperature: 15°C - 25°C; Ambient humidity: 45%~75% | | |
| 样品外观 Appearance | 银色尼龙/铝/聚丙烯复合膜, 包裹黄色高温胶带 Silver nylon/Al/PP compound film, bag yellow high temperature tape. | | |
| 测试方法和判定标准 Test method and criterion | 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 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 | | |
| 测试项目 Test items | 高度模拟、温度试验、振动、冲击、外部短路、挤压、过度充电、强制放电 Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Crush, Overcharge, Forced discharge | | |
| 测试结论 Conclusion | 经测试, 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》 ST/SG/AC.10/11 Rev.6/Amend 1, 38.3 标准的要求 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 | | |
| 测试人员 Testers | 刘杰 陈超 (检测人员) (Testers) | | |
| 编制人员 Compiler | 陈雅 (技术员) (Technician) | | |
| 审核 Checker | 李非为 (测试工程师) (Test Engineer) | | |
| 批准 Approval | 郭佳丽 (签字) (signature) | | |
| | 郭佳丽: 中心主任 Guo Jiali: Center Director | | |



| 样品描述及说明 Sample description and description | | | |
|-----------------------------------------------|--------------------------------------------------------|-------------------------|--------------|
| 样品名称 Sample name | 二次锂电池组 Rechargeable Li-ion Battery | 型号 Model | 361-00145-00 |
| 额定容量 Rated capacity | 226mAh | 标称电压 Nominal voltage | 3.87V |
| 化学组分 Chemical composition | 钴酸锂-石墨 | | |
| 测试用充电程序 Test charge program | 按照制造商规定的办法进行充电 (1C 恒流充电至 4.45V, 然后以 4.45V 恒压充电至 0.05C) | | |
| 测试用放电程序 Test using a program | 按照制造商规定的电流进行恒流放电至放电截止电压 (以 1C 放电至 3.0V) | | |

测试样品图
Test sample image

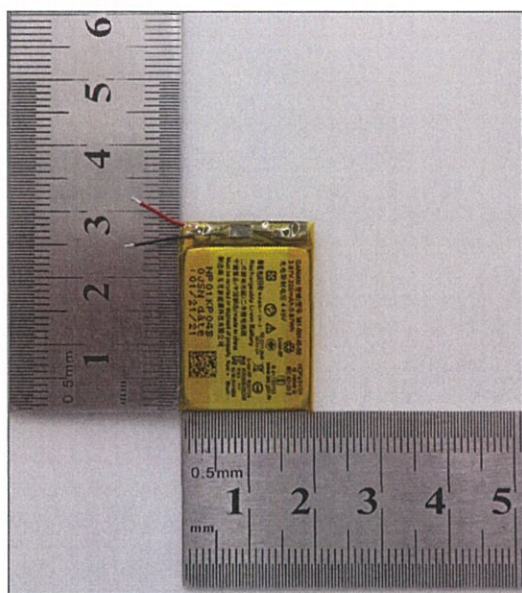


图 1: 正面
Figure 1: positive

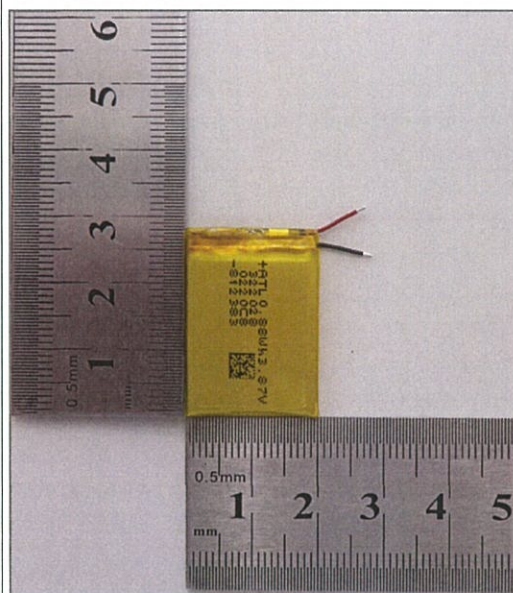


图 2: 反面
Figure 2: negative



图 3: 标识
Figure 3: Logo

| 序号 No. | 测试项目名称 Name of test | 标准要求或标准条款号 Standard requirement or the clause number of standard | 测试结果 Test result | 本项结论 Test conclusion | 备注 Remark | |
|----------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------|-------------------------|-----------------|---|
| 1 | 高度模拟 Altitude simulation | 联合国《关于危险货物运输的建议书 试验和标准手册》试验 T1; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 1 | 见附表 1 See Appendix 1 | 合格 Passed | / | |
| 2 | 温度试验 Thermal | 联合国《关于危险货物运输的建议书 试验和标准手册》试验 T2; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 2 | 见附表 2 See Appendix 2 | 合格 Passed | / | |
| 3 | 振动 Vibration | 联合国《关于危险货物运输的建议书 试验和标准手册》试验 T3; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 3 | 见附表 3 See Appendix 3 | 合格 Passed | / | |
| 4 | 冲击 Shock | 联合国《关于危险货物运输的建议书 试验和标准手册》试验 T4; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 4 | 见附表 4 See Appendix 4 | 合格 Passed | / | |
| 5 | 外部短路 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》试验 T5; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 5 | 见附表 5 See Appendix 5 | 合格 Passed | / | |
| 6 | 挤压/撞击 Crush/Impact | 联合国《关于危险货物运输的建议书 试验和标准手册》试验 T6; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 6 | 见附表 6 See Appendix 6 | 合格 Passed | / | |
| 7 | 过度充电 Overcharge | 联合国《关于危险货物运输的建议书 试验和标准手册》试验 T7; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 7 | 见附表 7 See Appendix 7 | 合格 Passed | / | |
| 8 | 强制放电 Forced discharge | 联合国《关于危险货物运输的建议书 试验和标准手册》试验 T8; UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.6/Amend 1, 38.3 Test 8 | 见附表 8 See Appendix 8 | 合格 Passed | / | |
| 分包测试情况 Subcontracted test condition | | 测试项目 Test items | / | | | |
| | | 分包实验室 Subcontracted Laboratory | 名称 Name | / | 邮编 Post code | / |
| | | | 地址 Address | / | 电话 Tel. | / |

| 序号 No. | 1 | 测试项目名称 Name of test items | | 高度模拟 Altitude simulation | | | | |
|--------------------------------|--------------------------------|------------------------------|-------------------|-----------------------------|-------------------|-----------------------|--------------------------|---------------------|
| 样品编号 Sample No. | 样品状态 Sample status | 测试前 Before test | | 测试后 After test | | 质量损失 Mass loss (%) | 剩余电压 Residual OCV (%) | 测试结果 Test result |
| | | 质量 m_1 (g) | 开路电压 U_1 (V) | 质量 m_2 (g) | 开路电压 U_2 (V) | | | |
| NP01KP04B0JS B 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6406 | 4.425 | 3.6404 | 4.419 | 0.01% | 99.86% | O |
| NP01KP04B0JS N 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6438 | 4.425 | 3.6437 | 4.420 | 0.00% | 99.89% | O |
| NP01KP04B0JO P 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6426 | 4.424 | 3.6426 | 4.418 | 0.00% | 99.86% | O |
| NP01KP04B0JS E 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6754 | 4.425 | 3.6749 | 4.419 | 0.01% | 99.86% | O |
| NP01KP04B0JS9 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6605 | 4.425 | 3.6598 | 4.419 | 0.02% | 99.86% | O |
| NP01KP04B0JSL 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6280 | 4.428 | 3.6281 | 4.425 | 0.00% | 99.93% | O |
| NP01KP04B0JSP 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6633 | 4.427 | 3.6632 | 4.423 | 0.00% | 99.91% | O |
| NP01KP04B0JS M 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6768 | 4.427 | 3.6769 | 4.423 | 0.00% | 99.91% | O |
| NP01KP04B0JS V 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6547 | 4.427 | 3.6546 | 4.423 | 0.00% | 99.91% | O |
| NP01KP04B0JST 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6412 | 4.428 | 3.6408 | 4.425 | 0.01% | 99.93% | O |
| 以下空白 | | | | | | | | |
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注：L-泄漏；V-排气；D-解体；R-破裂；F-起火；O-无泄漏，无排气，无解体，无破裂，无起火。
 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No leakage, no venting, no disassembly, no rupture & no fire.

| 序号 No. | 2 | 测试项目名称 Name of test items | | 温度试验 Thermal test | | | | |
|--------------------------------|--------------------------------|------------------------------|-------------------|----------------------|-------------------|-----------------------|--------------------------|---------------------|
| 样品编号 Sample No. | 样品状态 Sample status | 测试前 Before test | | 测试后 After test | | 质量损失 Mass loss (%) | 剩余电压 Residual OCV (%) | 测试结果 Test result |
| | | 质量 m_1 (g) | 开路电压 U_1 (V) | 质量 m_2 (g) | 开路电压 U_2 (V) | | | |
| NP01KP04B0JS B 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6404 | 4.419 | 3.6384 | 4.324 | 0.05% | 97.85% | O |
| NP01KP04B0JS N 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6437 | 4.420 | 3.6419 | 4.322 | 0.05% | 97.78% | O |
| NP01KP04B0JO P 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6426 | 4.418 | 3.6408 | 4.321 | 0.05% | 97.80% | O |
| NP01KP04B0JS E 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6749 | 4.419 | 3.6730 | 4.322 | 0.05% | 97.80% | O |
| NP01KP04B0JS9 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6598 | 4.419 | 3.6583 | 4.321 | 0.04% | 97.78% | O |
| NP01KP04B0JSL 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6281 | 4.425 | 3.6262 | 4.331 | 0.05% | 97.88% | O |
| NP01KP04B0JSP 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6632 | 4.423 | 3.6609 | 4.330 | 0.06% | 97.90% | O |
| NP01KP04B0JS M 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6769 | 4.423 | 3.6748 | 4.329 | 0.06% | 97.87% | O |
| NP01KP04B0JS V 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6546 | 4.423 | 3.6529 | 4.330 | 0.05% | 97.90% | O |
| NP01KP04B0JST 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6408 | 4.425 | 3.6390 | 4.330 | 0.05% | 97.85% | O |
| 以下空白 | | | | | | | | |
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注：L-泄漏；V-排气；D-解体；R-破裂；F-起火；O-无泄漏，无排气，无解体，无破裂，无起火。
 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No leakage, no venting, no disassembly, no rupture & no fire.

| 序号 No. | 3 | 测试项目名称 Name of test items | | 振动 Vibration | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------|-------------------|-----------------|-------------------|-----------------------|--------------------------|---------------------|
| 样品编号 Sample No. | 样品状态 Sample status | 测试前 Before test | | 测试后 After test | | 质量损失 Mass loss (%) | 剩余电压 Residual OCV (%) | 测试结果 Test result |
| | | 质量 m_1 (g) | 开路电压 U_1 (V) | 质量 m_2 (g) | 开路电压 U_2 (V) | | | |
| NP01KP04B0JS B 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6384 | 4.324 | 3.6385 | 4.324 | 0.00% | 100.00% | O |
| NP01KP04B0JS N 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6419 | 4.322 | 3.6417 | 4.321 | 0.01% | 99.98% | O |
| NP01KP04B0JO P 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6408 | 4.321 | 3.6405 | 4.320 | 0.01% | 99.98% | O |
| NP01KP04B0JS E 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6730 | 4.322 | 3.6727 | 4.321 | 0.01% | 99.98% | O |
| NP01KP04B0JS9 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6583 | 4.321 | 3.6582 | 4.320 | 0.00% | 99.98% | O |
| NP01KP04B0JSL 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6262 | 4.331 | 3.6259 | 4.330 | 0.01% | 99.98% | O |
| NP01KP04B0JSP 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6609 | 4.330 | 3.6605 | 4.329 | 0.01% | 99.98% | O |
| NP01KP04B0JS M 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6748 | 4.329 | 3.6744 | 4.328 | 0.01% | 99.98% | O |
| NP01KP04B0JS V 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6529 | 4.330 | 3.6525 | 4.329 | 0.01% | 99.98% | O |
| NP01KP04B0JST 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6390 | 4.330 | 3.6388 | 4.329 | 0.01% | 99.98% | O |
| 以下空白 | | | | | | | | |
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| <p>注: L-泄漏; V-排气; D-解体; R-破裂; F-起火; O-无泄漏, 无排气, 无解体, 无破裂, 无起火。 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No leakage, no venting, no disassembly, no rupture & no fire.</p> | | | | | | | | |

| 序号 No. | 4 | 测试项目名称 Name of test items | | 冲击 Shock | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------|-------------------|-----------------|-------------------|-----------------------|--------------------------|---------------------|
| 样品编号 Sample No. | 样品状态 Sample status | 测试前 Before test | | 测试后 After test | | 质量损失 Mass loss (%) | 剩余电压 Residual OCV (%) | 测试结果 Test result |
| | | 质量 m_1 (g) | 开路电压 U_1 (V) | 质量 m_2 (g) | 开路电压 U_2 (V) | | | |
| NP01KP04B0JS B 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6385 | 4.324 | 3.6386 | 4.324 | 0.00% | 100.00% | O |
| NP01KP04B0JS N 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6417 | 4.321 | 3.6416 | 4.321 | 0.00% | 100.00% | O |
| NP01KP04B0JO P 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6405 | 4.320 | 3.6407 | 4.320 | -0.01% | 100.00% | O |
| NP01KP04B0JS E 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6727 | 4.321 | 3.6731 | 4.321 | -0.01% | 100.00% | O |
| NP01KP04B0JS9 361-00145-00 | 首次完全充电 1cyc fully charged | 3.6582 | 4.320 | 3.6586 | 4.320 | -0.01% | 100.00% | O |
| NP01KP04B0JSL 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6259 | 4.330 | 3.6262 | 4.330 | -0.01% | 100.00% | O |
| NP01KP04B0JSP 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6605 | 4.329 | 3.6605 | 4.329 | 0.00% | 100.00% | O |
| NP01KP04B0JS M 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6744 | 4.328 | 3.6746 | 4.328 | -0.01% | 100.00% | O |
| NP01KP04B0JS V 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6525 | 4.329 | 3.6528 | 4.329 | -0.01% | 100.00% | O |
| NP01KP04B0JST 361-00145-00 | 25次完全充电 25cyc fully charged | 3.6388 | 4.329 | 3.6391 | 4.329 | -0.01% | 100.00% | O |
| 以下空白 | | | | | | | | |
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| <p>注：L-泄漏；V-排气；D-解体；R-破裂；F-起火；O-无泄漏，无排气，无解体，无破裂，无起火。 Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O- No leakage, no venting, no disassembly, no rupture & no fire.</p> | | | | | | | | |

| 序号 No. | 5 | 测试项目名称 Name of test items | 外部短路 External short circuit | | |
|--------------------------------|---------------------------------|-----------------------------------------------|--------------------------------|--------------|--|
| 样品编号 Sample No. | 样品状态 Sample status | 样品表面最高温度 Max. External Temperature (°C) | 测试结果 Test result | 备注 Remark | |
| NP01KP04B0JS B 361-00145-00 | 首次完全充电 1cyc fully charged | 56.9 | O | / | |
| NP01KP04B0JS N 361-00145-00 | 首次完全充电 1cyc fully charged | 57.2 | O | / | |
| NP01KP04B0JO P 361-00145-00 | 首次完全充电 1cyc fully charged | 57.2 | O | / | |
| NP01KP04B0JS E 361-00145-00 | 首次完全充电 1cyc fully charged | 57.6 | O | / | |
| NP01KP04B0JS9 361-00145-00 | 首次完全充电 1cyc fully charged | 57.2 | O | / | |
| NP01KP04B0JSL 361-00145-00 | 25 次完全充电 25cyc fully charged | 56.9 | O | / | |
| NP01KP04B0JSP 361-00145-00 | 25 次完全充电 25cyc fully charged | 57.2 | O | / | |
| NP01KP04B0JS M 361-00145-00 | 25 次完全充电 25cyc fully charged | 56.5 | O | / | |
| NP01KP04B0JS V 361-00145-00 | 25 次完全充电 25cyc fully charged | 57.7 | O | / | |
| NP01KP04B0JS T 361-00145-00 | 25 次完全充电 25cyc fully charged | 57.2 | O | / | |
| 以下空白 | | | | | |
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注: D-解体; R-破裂; F-起火; O-无解体, 无破裂, 无起火。
 Note: D-Disassembly, R-Rupture, F-Fire, O- No disassembly, no rupture & no fire.

| 序号 No. | 6 | 测试项目名称 Name of test items | 挤压 Crush | | |
|---------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------|---------------------|--------------|--|
| 样品编号 Sample No. | 样品状态 Sample status | 样品表面最高温度 Max. External Temperature (°C) | 测试结果 Test result | 备注 Remark | |
| 0220C8813033 | 首次 50%容量 1cyc 50% capacity | 20.4 | O | / | |
| 0220C8814145 | 首次 50%容量 1cyc 50% capacity | 20.5 | O | / | |
| 0220C8814084 | 首次 50%容量 1cyc 50% capacity | 20.3 | O | / | |
| 0220C8814117 | 首次 50%容量 1cyc 50% capacity | 20.3 | O | / | |
| 0220C8813421 | 首次 50%容量 1cyc 50% capacity | 20.7 | O | / | |
| 0220C8813479 | 25 次 50%容量 25cyc 50% capacity | 20.6 | O | / | |
| 0220C8813453 | 25 次 50%容量 25cyc 50% capacity | 31.8 | O | / | |
| 0220C8813485 | 25 次 50%容量 25cyc 50% capacity | 20.7 | O | / | |
| 0220C8813418 | 25 次 50%容量 25cyc 50% capacity | 20.8 | O | / | |
| 0220C8813413 | 25 次 50%容量 25cyc 50% capacity | 21.8 | O | / | |
| 以下空白 | | | | | |
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| <p>注: D-解体; F-起火; O-无解体, 无起火。 Note: D-Disassembly, F-Fire, O- No disassembly, no fire.</p> | | | | | |

| 序号 No. | 8 | 测试项目名称 Name of test items | 强制放电 Forced discharge |
|--------------------|-----------------------------------|------------------------------|--------------------------|
| 样品编号 Sample No. | 样品状态 Sample status | 测试结果 Test result | 备注 Remark |
| 0220C8813077 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8813078 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8813113 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8813170 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8813039 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8813034 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8813028 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8814024 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8813089 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8814003 | 首次完全放电 1cyc fully discharged | O | / |
| 0220C8814126 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814127 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814044 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814038 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814030 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814113 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814096 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814087 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814082 | 25次完全放电 25cyc fully discharged | O | / |
| 0220C8814083 | 25次完全放电 25cyc fully discharged | O | / |

注: D-解体; F-起火; O-无解体, 无起火。
 Note: D-Disassembly, F-Fire, O- No disassembly, no fire.

声 明

Statement



1. 检测报告无本实验室公章无效。

The test report is invalid if not affixed the official seal of the laboratory to it.

2. 检测报告涂改无效。

The test report is invalid if it is blotted out.

3. 送样委托检测结果，仅对所送样品有效。

The conclusion of the consignment test is only valid for the provided sample.

4. 对检测报告若有异议，应于收到报告之日起十五日内向检测单位提出。

Objections to the test report must be submitted to ATL Central Lab within 15 days.

5. 本报告未经本实验室书面许可，不可部分复制。

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东莞新能源科技有限公司中心实验室

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