



中国认可  
国际互认  
检测  
TESTING  
CNAS L9291

编号 No.: DSP24060295-2

# UN38.3 测试报告

## UN38.3 Test Report

样品名称 : 锂离子电池  
3.7V 1500mAh 5.55Wh

Sample name : Li-ion Battery  
3.7V 1500mAh 5.55Wh

型号 Model : BJY 18650 1500mAh

委托单位 : 东莞市佰佳盈电子科技有限公司

Consignor : Dongguan Baijiaying Electronic Technology Co., Ltd.



东莞市中认联科检测技术有限公司  
Dongguan ZRLK Testing Technology Co., Ltd.

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|                                      |                       |  |
|--------------------------------------|-----------------------|--|
| 委托单位信息<br>Consignor<br>information   | 名称<br>Name            | 东莞市佰佳盈电子科技有限公司<br>Dongguan Baijiaying Electronic Technology Co., Ltd.                              |
|                                      | 地址<br>Address         | 广东省东莞市长安镇新安聚福路 4 号<br>No. 4, Xin'an Jufu Road, Chang'an Town, Dongguan City, Guangdong<br>Province |
| 制造商信息<br>Manufacturer<br>information | 名称<br>Name            | 东莞市佰佳盈电子科技有限公司<br>Dongguan Baijiaying Electronic Technology Co., Ltd.                              |
|                                      | 地址<br>Address         | 广东省东莞市长安镇新安聚福路 4 号<br>No. 4, Xin'an Jufu Road, Chang'an Town, Dongguan City, Guangdong<br>Province |
|                                      | 电话<br>Phone number    | +86-13652427727  |
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| 工厂信息<br>Factory<br>information       | 名称<br>Name            | 东莞市佰佳盈电子科技有限公司<br>Dongguan Baijiaying Electronic Technology Co., Ltd.                              |
|                                      | 地址<br>Address         | 广东省东莞市长安镇新安聚福路 4 号<br>No. 4, Xin'an Jufu Road, Chang'an Town, Dongguan City, Guangdong<br>Province |
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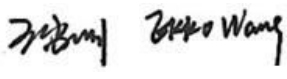



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| 样品描述及说明 General product information              |   |  |                      |
|--|---|--|----------------------|
| 样品类型(是否可充电)<br>Sample Type( Rechargeable or not) | <input checked="" type="checkbox"/> 是/Yes | <input type="checkbox"/> 否/No                      |                      |
| 样品信息 Sample information:                         |   |  |                      |
| 产品名称<br>Product Name                             | 锂离子电池<br>Li-ion Battery                   | 型号<br>Model  | BJY 18650 1500mAh    |
| 商标<br>Trade mark                                 | 无<br>N/A                                  | 样品编号<br>Sample No.                                 | B1#~B18#<br>C1#~C30# |
| 标称电压<br>Nominal Voltage                          | 3.7V                                      | 额定容量<br>Rated Capacity                             | 1500mAh              |
| 额定能量<br>Rated Energy                             | 5.55Wh                                    | 充电截止电压<br>Charge Cut-off Voltage                   | 4.2V                 |
| 最大充电电流<br>Max. Charging Current                  | 1500mA                                    | 标准充电电流<br>Standard Charging Current                | 750mA                |
| 充电截止电流<br>Charge Cut-off Current                 | 30mA                                      | 放电终止电压<br>Discharge Cut-off Voltage                | 2.75V                |
| 最大放电电流<br>Max. Discharging Current               | 1500mA                                    | 标准放电电流<br>Standard Discharging Current             | 750mA                |
| 形状<br>Shape                                      | 圆柱体<br>Cylinder                           | 尺寸<br>Size   | Φ18.5*65.9mm         |
| 样品质量<br>Sample Mass                              | 42.0g                                     | 串并联方式<br>Connection composition of series-parallel | 1S1P                 |
| 电芯信息 Cell information:                           |   |  |                      |
| 电芯型号<br>Cell Model                               | BJY 18650 1500mAh                         | 标称电压<br>Nominal Voltage                            | 3.7V                 |
| 额定容量<br>Rated Capacity                           | 1500mAh                                   | 最大放电电流<br>Max. Discharging Current                 | 1500mA               |



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|   |   |  |  |
|---|---|--|--|
| 样品接收日期<br>Accepted date                       | 2024-05-23  | 测试起始日期<br>Test date  | 2024-05-23 ~ 2024-06-14  |
| 测试方法<br>和判定标准<br>Test method<br>and criterion | 联合国《试验和标准手册》(第7版 修订1) 38.3 节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend.1/Subsection 38.3  |  |  |
| 测试项目<br>Test items                            | 高度模拟、温度试验、振动、冲击、外部短路、重物冲击、过度充电、强制放电<br>Altitude simulation, Thermal test, Vibration, Shock, External short circuit, Impact, Overcharge, Forced discharge.   |  |  |
| 测试结论<br>Conclusion                            | 经测试, 该样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.7/Amend.1, 38.3 标准要求。<br>The sample has passed the test items of UNITED NATIONS "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend.1, 38.3.<br>签发日期(Issue date): 2024-06-14 |  |  |
| 备注<br>Remark                                  | --  |  |  |
| 主检(职位)<br>Tested by:<br>(Position)            | 黄嘉杰<br>Vincent Huang<br>(Test Engineer)   |   | 东莞市中认联科检测技术有限公司<br>Dongguan ZRLK Testing<br>Technology Co., Ltd. |
| 审核(职位)<br>Checker:<br>(Position)              | 王盛明<br>Ekko Wang<br>(Item Engineer)   |   |  |
| 批准(职位)<br>Approver:<br>(Position)             | 马孝琴<br>Ailis Ma<br>(Approved by)  |  |  |



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| 序号<br>No.                               | 测试项目名称<br>Name of test            | 标准要求或标准条款号<br>Standard requirement or the clause<br>number of standard  | 测试结果<br>Test result     | 本项结论<br>Test conclusion | 备注<br>Remarks |
|---|-----------------------------------|---|-------------------------|-------------------------|---------------|
| 1                                       | 高度模拟<br>Altitude<br>simulation    | 联合国《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.1<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 38.3 Test T.1 | 见附表 1<br>See Appendix 1 | 合格<br>Passed            | /             |
| 2                                       | 温度试验<br>Thermal test              | 联合国《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.2<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 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《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.3<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 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《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.4<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 38.3 Test T.4 | 见附表 4<br>See Appendix 4 | 合格<br>Passed            | /             |
| 5                                       | 外部短路<br>External<br>short-circuit | 联合国《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.5<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 38.3 Test T.5 | 见附表 5<br>See Appendix 5 | 合格<br>Passed            | /             |
| 6                                       | 重物冲击<br>Impact                    | 联合国《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.6<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 38.3 Test T.6 | 见附表 6<br>See Appendix 6 | 合格<br>Passed            | /             |
| 7                                       | 过度充电<br>Overcharge                | 联合国《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.7<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 38.3 Test T.7 | 见附表 7<br>See Appendix 7 | 合格<br>Passed            | /             |
| 8                                       | 强制放电<br>Forced<br>discharge       | 联合国《试验和标准手册》（第7版 修订<br>1）38.3 节试验 T.8<br>UN "Manual of Tests and Criteria"<br>ST/SG/AC.10/11/Rev.7/Amend.1/Subsecti<br>on 38.3 Test T.8 | 见附表 8<br>See Appendix 8 | 合格<br>Passed            | /             |
| 测试环境条件<br>Test environment<br>condition |                                   | 环境温度: 20℃ - 25℃; 环境湿度: 45% - 75%<br>Ambient temperature: 20℃ - 25℃, Ambient humidity: 45% - 75%   |                         |                         |               |

**Procedure 说明**

Tests T.1 to T.5 shall be conducted in sequence on the same cell or battery. Tests T.6 and T.8 shall be conducted using not otherwise tested cells. Test T.7 may be conducted using undamaged batteries previously used in tests T.1 to T.5 for purposes of testing on cycled batteries.

用相同的电芯或电池按照顺序进行试验 T.1 至 T.5。试验 T.6 至 T.8 用没有进行其他试验的电芯。试验 T7 可以使用原先在试验 T1 至 T5 中使用过的未损坏的电池进行，以便测试交替充电放电的电池。

Single cell batteries of B1#~B5#, B11#~B14# are full charged after one cycle;

Single cell batteries of B6#~B10#, B15#~B18# are full charged after twenty-five cycles;

Rechargeable cells of C1#~C5# are 50% charged after one cycle;

Rechargeable cells of C6#~C10# are 50% charged after twenty-five cycles;

Rechargeable cells of C11#~C20# are full discharged after one cycle;

Rechargeable cells of C21#~C30# are full discharged after twenty-five cycles;

Test environment condition: ambient temperature: 15-25℃, ambient humidity: 40-70%

单电芯电池 B1#~B5#, B11#~B14#为 1 次循环满电状态;

单电芯电池 B6#~B10#, B15#~B18#为 25 次循环满电状态;

可充电电芯 C1#~C5#为 1 次循环后 50%充电状态;

可充电电芯 C6#~C10#为 25 次循环后 50%充电状态;

可充电电芯 C11#~C20#为 1 次循环完全放电状态;

可充电电芯 C21#~C30#为 25 次循环完全放电状态;

试验环境条件: 环境温度: 15-25℃, 环境湿度: 40-70%

附表 1  
 Appendix 1

| 序号<br>No.  | 1  | 测试项目名称<br>Name of Test Items | 高度模拟<br>Altitude simulation |                            |                       |                          |                     |
|--|--|------------------------------|-----------------------------|----------------------------|-----------------------|--------------------------|---------------------|
| 样品编号<br>Sample No.   | 测试前 Before   |                              | 测试后 After                   |                            | 质量损失<br>Mass loss (%) | 剩余电压<br>Residual OCV (%) | 测试结果<br>Test result |
|  | 电池质量<br>m <sub>1</sub> (g)   | 开路电压<br>V <sub>1</sub> (V)   | 电池质量<br>m <sub>2</sub> (g)  | 开路电压<br>V <sub>2</sub> (V) |                       |                          |                     |
| B01  | 41.5395  | 4.188                        | 41.5371                     | 4.187                      | 0.01                  | 100.0                    | O                   |
| B02  | 41.8885  | 4.191                        | 41.8856                     | 4.189                      | 0.01                  | 100.0                    | O                   |
| B03  | 41.5753  | 4.186                        | 41.5738                     | 4.185                      | 0.00                  | 100.0                    | O                   |
| B04  | 41.7839  | 4.189                        | 41.7801                     | 4.183                      | 0.01                  | 99.9                     | O                   |
| B05  | 41.9597  | 4.185                        | 41.9567                     | 4.181                      | 0.01                  | 99.9                     | O                   |
| B06  | 41.7922  | 4.192                        | 41.7884                     | 4.189                      | 0.01                  | 99.9                     | O                   |
| B07  | 41.5739  | 4.185                        | 41.5716                     | 4.181                      | 0.01                  | 99.9                     | O                   |
| B08  | 41.9781  | 4.187                        | 41.9762                     | 4.185                      | 0.00                  | 100.0                    | O                   |
| B09  | 41.8407  | 4.190                        | 41.8389                     | 4.188                      | 0.00                  | 100.0                    | O                   |
| B10  | 41.6344  | 4.186                        | 41.6327                     | 4.182                      | 0.00                  | 99.9                     | O                   |
| No. B01-B05:<br>编号 B01-B05:  | At first cycle, in fully charged states<br>第 1 个充电周期, 完全充电状态         |                              |                             |                            |                       |                          |                     |
| No. B06-B10:<br>编号 B06-B10:  | After 25 cycles ending in fully charged states<br>第 25 个充电周期, 完全充电状态 |                              |                             |                            |                       |                          |                     |
| 注: L-泄露; V-排气; D-解体; R-破裂; F-起火; O-无泄露、无排气、无解体、无破裂、无起火。<br>Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O-No leakage, no venting,<br>no disassembly, no rupture & no fire |  |                              |                             |                            |                       |                          |                     |

附表 2  
 Appendix 2

| 序号<br>No.   | 2  | 测试项目名称<br>Name of Test Items | 温度试验<br>Thermal test       |                            |                       |                          |                     |
|---|--|------------------------------|----------------------------|----------------------------|-----------------------|--------------------------|---------------------|
| 样品编号<br>Sample No.  | 测试前 Before   |                              | 测试后 After                  |                            | 质量损失<br>Mass loss (%) | 剩余电压<br>Residual OCV (%) | 测试结果<br>Test result |
|   | 电池质量<br>m <sub>1</sub> (g)   | 开路电压<br>V <sub>1</sub> (V)   | 电池质量<br>m <sub>2</sub> (g) | 开路电压<br>V <sub>2</sub> (V) |                       |                          |                     |
| B01   | 41.5371  | 4.187                        | 41.5135                    | 4.135                      | 0.06                  | 98.8                     | O                   |
| B02   | 41.8856  | 4.189                        | 41.8627                    | 4.139                      | 0.05                  | 98.8                     | O                   |
| B03   | 41.5738  | 4.185                        | 41.5483                    | 4.136                      | 0.06                  | 98.8                     | O                   |
| B04   | 41.7801  | 4.183                        | 41.7569                    | 4.132                      | 0.06                  | 98.8                     | O                   |
| B05   | 41.9567  | 4.181                        | 41.9326                    | 4.134                      | 0.06                  | 98.9                     | O                   |
| B06   | 41.7884  | 4.189                        | 41.7612                    | 4.137                      | 0.07                  | 98.8                     | O                   |
| B07   | 41.5716  | 4.181                        | 41.5485                    | 4.131                      | 0.06                  | 98.8                     | O                   |
| B08   | 41.9762  | 4.185                        | 41.9528                    | 4.129                      | 0.06                  | 98.7                     | O                   |
| B09   | 41.8389  | 4.188                        | 41.8102                    | 4.135                      | 0.07                  | 98.7                     | O                   |
| B10   | 41.6327  | 4.182                        | 41.6114                    | 4.133                      | 0.05                  | 98.8                     | O                   |
| No. B01-B05:<br>编号 B01-B05:   | At first cycle, in fully charged states<br>第 1 个充电周期, 完全充电状态         |                              |                            |                            |                       |                          |                     |
| No. B06-B10:<br>编号 B06-B10:   | After 25 cycles ending in fully charged states<br>第 25 个充电周期, 完全充电状态 |                              |                            |                            |                       |                          |                     |
| 注: L-泄露; V-排气; D-解体; R-破裂; F-起火; O-无泄露、无排气、无解体、无破裂、无起火。<br>Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O-No leakage, no venting, no disassembly, no rupture & no fire |  |                              |                            |                            |                       |                          |                     |



附表 3  
 Appendix 3

| 序号<br>No.  | 3  | 测试项目名称<br>Name of Test Items | 振动<br>Vibration            |                            |                          |                             |                     |
|--|--|------------------------------|----------------------------|----------------------------|--------------------------|-----------------------------|---------------------|
| 样品编号<br>Sample No.   | 测试前 Before   |                              | 测试后 After                  |                            | 质量损失<br>Mass loss<br>(%) | 剩余电压<br>Residual<br>OCV (%) | 测试结果<br>Test result |
|  | 电池质量<br>m <sub>1</sub> (g)   | 开路电压<br>V <sub>1</sub> (V)   | 电池质量<br>m <sub>2</sub> (g) | 开路电压<br>V <sub>2</sub> (V) |                          |                             |                     |
| B01  | 41.5135  | 4.135                        | 41.5034                    | 4.131                      | 0.02                     | 99.9                        | O                   |
| B02  | 41.8627  | 4.139                        | 41.8517                    | 4.133                      | 0.03                     | 99.9                        | O                   |
| B03  | 41.5483  | 4.136                        | 41.5362                    | 4.127                      | 0.03                     | 99.8                        | O                   |
| B04  | 41.7569  | 4.132                        | 41.7484                    | 4.125                      | 0.02                     | 99.8                        | O                   |
| B05  | 41.9326  | 4.134                        | 41.9252                    | 4.129                      | 0.02                     | 99.9                        | O                   |
| B06  | 41.7612  | 4.137                        | 41.7536                    | 4.131                      | 0.02                     | 99.9                        | O                   |
| B07  | 41.5485  | 4.131                        | 41.5394                    | 4.123                      | 0.02                     | 99.8                        | O                   |
| B08  | 41.9528  | 4.129                        | 41.9461                    | 4.125                      | 0.02                     | 99.9                        | O                   |
| B09  | 41.8102  | 4.135                        | 41.8035                    | 4.131                      | 0.02                     | 99.9                        | O                   |
| B10  | 41.6114  | 4.133                        | 41.6008                    | 4.128                      | 0.03                     | 99.9                        | O                   |
| No. B01-B05:<br>编号 B01-B05:  | At first cycle, in fully charged states<br>第 1 个充电周期, 完全充电状态         |                              |                            |                            |                          |                             |                     |
| No. B06-B10:<br>编号 B06-B10:  | After 25 cycles ending in fully charged states<br>第 25 个充电周期, 完全充电状态 |                              |                            |                            |                          |                             |                     |
| 注: L-泄露; V-排气; D-解体; R-破裂; F-起火; O-无泄露、无排气、无解体、无破裂、无起火。<br>Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O-No leakage, no venting,<br>no disassembly, no rupture & no fire |  |                              |                            |                            |                          |                             |                     |

附表 4  
 Appendix 4

| 序号<br>No.  | 4  | 测试项目名称<br>Name of Test Items | 冲击<br>Shock                |                            |                          |                             |                     |
|--|--|------------------------------|----------------------------|----------------------------|--------------------------|-----------------------------|---------------------|
| 样品编号<br>Sample No.   | 测试前 Before   |                              | 测试后 After                  |                            | 质量损失<br>Mass loss<br>(%) | 剩余电压<br>Residual<br>OCV (%) | 测试结果<br>Test result |
|  | 电池质量<br>m <sub>1</sub> (g)   | 开路电压<br>V <sub>1</sub> (V)   | 电池质量<br>m <sub>2</sub> (g) | 开路电压<br>V <sub>2</sub> (V) |                          |                             |                     |
| B01  | 41.5034  | 4.131                        | 41.5016                    | 4.129                      | 0.00                     | 100.0                       | O                   |
| B02  | 41.8517  | 4.133                        | 41.8509                    | 4.127                      | 0.00                     | 99.9                        | O                   |
| B03  | 41.5362  | 4.127                        | 41.5331                    | 4.124                      | 0.01                     | 99.9                        | O                   |
| B04  | 41.7484  | 4.125                        | 41.7453                    | 4.119                      | 0.01                     | 99.9                        | O                   |
| B05  | 41.9252  | 4.129                        | 41.9227                    | 4.126                      | 0.01                     | 99.9                        | O                   |
| B06  | 41.7536  | 4.131                        | 41.7495                    | 4.128                      | 0.01                     | 99.9                        | O                   |
| B07  | 41.5394  | 4.123                        | 41.5368                    | 4.121                      | 0.01                     | 100.0                       | O                   |
| B08  | 41.9461  | 4.125                        | 41.9442                    | 4.123                      | 0.00                     | 100.0                       | O                   |
| B09  | 41.8035  | 4.131                        | 41.8025                    | 4.129                      | 0.00                     | 100.0                       | O                   |
| B10  | 41.6008  | 4.128                        | 41.5997                    | 4.124                      | 0.00                     | 99.9                        | O                   |
| No. B01-B05:<br>编号 B01-B05:  | At first cycle, in fully charged states<br>第 1 个充电周期, 完全充电状态         |                              |                            |                            |                          |                             |                     |
| No. B06-B10:<br>编号 B06-B10:  | After 25 cycles ending in fully charged states<br>第 25 个充电周期, 完全充电状态 |                              |                            |                            |                          |                             |                     |
| 注: L-泄露; V-排气; D-解体; R-破裂; F-起火; O-无泄露、无排气、无解体、无破裂、无起火。<br>Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O-No leakage, no venting,<br>no disassembly, no rupture & no fire |  |                              |                            |                            |                          |                             |                     |

附表 5  
 Appendix 5

| 序号<br>No.   | 5  | 测试项目名称<br>Name of Test Items                  | 外部短路<br>External short circuit |              |
|---|--|---|--------------------------------|--------------|
| 样品编号<br>Sample No.  |  | 样品表面最高温度<br>Max. External Temperature<br>(°C) | 测试结果<br>Test result            | 备注<br>Remark |
| B01   |  | 57.3  | O                              | /            |
| B02   |  | 57.7  | O                              | /            |
| B03   |  | 58.1  | O                              | /            |
| B04   |  | 57.5  | O                              | /            |
| B05   |  | 58.8  | O                              | /            |
| B06   |  | 57.3  | O                              | /            |
| B07   |  | 58.6  | O                              | /            |
| B08   |  | 57.9  | O                              | /            |
| B09   |  | 57.2  | O                              | /            |
| B10   |  | 57.4  | O                              | /            |
| No. B01-B05:<br>编号 B01-B05:   | At first cycle, in fully charged states<br>第 1 个充电周期, 完全充电状态         |   |                                |              |
| No. B06-B10:<br>编号 B06-B10:   | After 25 cycles ending in fully charged states<br>第 25 个充电周期, 完全充电状态 |   |                                |              |
| 注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。<br>Note: D-Disassembly, R-Rupture, F-Fire, O-No disassembly, no rupture & no fire |  |   |                                |              |

附表 6

Appendix 6

| 序号<br>No.   | 6   | 测试项目名称<br>Name of Test Items                  | 重物冲击<br>Impact |                     |              |
|---|---|---|----------------|---------------------|--------------|
| 样品编号<br>Sample No.  |   | 样品表面最高温度<br>Max. External Temperature<br>(°C) |                | 测试结果<br>Test result | 备注<br>Remark |
| C01   |   | 81.6  |                | O                   | /            |
| C02   |   | 89.9  |                | O                   | /            |
| C03   |   | 84.4  |                | O                   | /            |
| C04   |   | 86.1  |                | O                   | /            |
| C05   |   | 85.3  |                | O                   | /            |
| C06   |   | 87.5  |                | O                   | /            |
| C07   |   | 80.9  |                | O                   | /            |
| C08   |   | 82.7  |                | O                   | /            |
| C09   |   | 84.2  |                | O                   | /            |
| C10   |   | 86.5  |                | O                   | /            |
| No. C01-C05:<br>编号 C01-C05:   | At first cycle at 50% of the design rated capacity<br>第 1 个充放电周期 50%设计额定容量状态  |   |                |                     |              |
| No. C06-C10:<br>编号 C06-C10:   | After 25 cycle at 50% of the design rated capacity<br>第 25 个充放电周期 50%设计额定容量状态 |   |                |                     |              |
| 注: D-解体; R-破裂; F-起火; O-无解体、无破裂、无起火。<br>Note: D-Disassembly, R-Rupture, F-Fire, O-No disassembly, no rupture & no fire |   |   |                |                     |              |



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附表 7  
Appendix 7

| 序号<br>No.  | 7  | 测试项目名称<br>Name of Test Items | 过度充电<br>Overcharge |
|--|--|------------------------------|--------------------|
| 样品编号<br>Sample No  |  | 测试结果<br>Test result          | 备注<br>Remark       |
| B11  |  | O                            | /                  |
| B12  |  | O                            | /                  |
| B13  |  | O                            | /                  |
| B14  |  | O                            | /                  |
| B15  |  | O                            | /                  |
| B16  |  | O                            | /                  |
| B17  |  | O                            | /                  |
| B18  |  | O                            | /                  |
| No. B11-B14:<br>编号 B11-B14:  | At first cycle, in fully charged states<br>第 1 个充电周期, 完全充电状态         |                              |                    |
| No. B15-B18:<br>编号 B15-B18:  | After 25 cycles ending in fully charged states<br>第 25 个充电周期, 完全充电状态 |                              |                    |
| 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 |  |                              |                    |



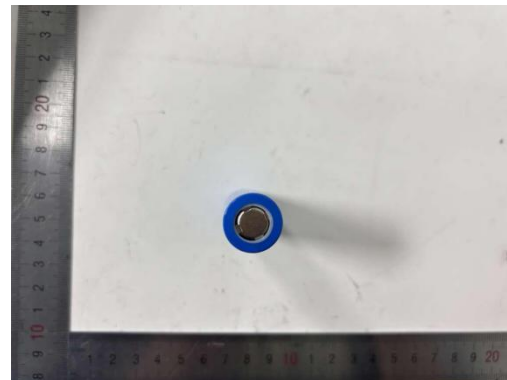
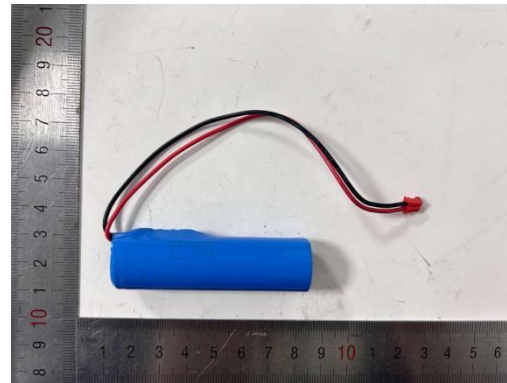
编号 No.: DSP24060295-2

附表 8  
Appendix 8

| 序号<br>No.  | 8  | 测试项目名称<br>Name of Test Items | 强制放电<br>Forced discharge |
|--|--|------------------------------|--------------------------|
| 样品编号<br>Sample No  | 测试结果<br>Test result  |                              | 备注<br>Remark             |
| C11  | O  |                              | /                        |
| C12  | O  |                              | /                        |
| C13  | O  |                              | /                        |
| C14  | O  |                              | /                        |
| C15  | O  |                              | /                        |
| C16  | O  |                              | /                        |
| C17  | O  |                              | /                        |
| C18  | O  |                              | /                        |
| C19  | O  |                              | /                        |
| C20  | O  |                              | /                        |
| C21  | O  |                              | /                        |
| C22  | O  |                              | /                        |
| C23  | O  |                              | /                        |
| C24  | O  |                              | /                        |
| C25  | O  |                              | /                        |
| C26  | O  |                              | /                        |
| C27  | O  |                              | /                        |
| C28  | O  |                              | /                        |
| C29  | O  |                              | /                        |
| C30  | O  |                              | /                        |
| No. C11-C20:<br>编号 C11-C20:  | At first cycle in fully discharged states<br>第 1 个充放电周期, 完全放电状态          |                              |                          |
| No. C21-C30:<br>编号 C21-C30:  | After 25 cycles ending in fully discharged states<br>第 25 个充放电周期, 完全放电状态 |                              |                          |
| 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 |  |                              |                          |

# 样品照片 Sample photo

+ BJY 18650 1500mAh 3.7V 5.55Wh 202405 -



\*\*\*\*\* The end \*\*\*\*\*



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