



# UN38.3 Test Report

## UN38.3 检测报告

Report No.:  
报告编号: P24031301701

Name of Products: Rechargeable Lithium-ion Cell  
产品名称: 可充电锂离子电芯

Model and Spec.: CBA71173204-280Ah, 3.2V 280Ah 896Wh  
型号规格:

Applicant: Hebei Juyuan Lithium Battery Technology Co., Ltd.  
委托单位: 河北巨源锂电科技有限公司

Manufacturer: Hebei Juyuan Lithium Battery Technology Co., Ltd.  
生产厂商: 河北巨源锂电科技有限公司

Date of issue: 2024-03-30  
签发日期:

**Shenzhen NTEK New Energy Technology Co., Ltd.**

深圳市北测新能源技术有限公司

Applicant 委托单位	Hebei Juyuan Lithium Battery Technology Co., Ltd. 河北巨源锂电科技有限公司		
Address of Applicant 委托单位地址	Car No.3, North Hatchery Park, east of Xingyuan North Street, North of Huangjin Avenue, Julu Economic Development Zone Hebei, Julu County Xingtai, Hebei, 523080 CN 河北省邢台市巨鹿县河北巨鹿经济开发区黄巾大道北侧兴源北街东侧北孵化园 3 号车间		
Manufacturer 生产厂商	Hebei Juyuan Lithium Battery Technology Co., Ltd. 河北巨源锂电科技有限公司		
Address of manufacturer 生产厂商地址	Car No.3, North Hatchery Park, east of Xingyuan North Street, North of Huangjin Avenue, Julu Economic Development Zone Hebei, Julu County Xingtai, Hebei, 523080 CN 河北省邢台市巨鹿县河北巨鹿经济开发区黄巾大道北侧兴源北街东侧北孵化园 3 号车间		
Name of Products 产品名称	Rechargeable Lithium-ion Cell 可充电锂离子电池		
Model/Type 型号	CBA71173204-280Ah		
Ratings 额定参数	3.2V 280Ah 896Wh		
Date of receipt of test item 接收日期	2024-03-14		
Completion Date 完成日期	2024-03-29		
Tested according to 测试依据: United Nations Manual of Tests and Criteria, PART III, section 38.3 Lithium metal and lithium ion batteries, the seventh revised edition amendment 1 (ST/SG/AC.10/11/Rev.7/Amend.1). 联合国《试验和标准手册》，第三部分，38.3 节锂金属和锂离子电池要求，第七修订版修正 1 (ST/SG/AC.10/11/Rev.7/Amend.1)			
Tests performed 测试项目: Test T.1: Altitude simulation 试验 T.1: 高度模拟      Test T.5: External short circuit 试验 T.5: 外部短路 Test T.2: Thermal Test 试验 T.2: 温度试验      Test T.6: Crush 试验 T.6: 挤压 Test T.3: Vibration 试验 T.3: 振动      Test T.8: Forced discharge 试验 T.8: 强制放电 Test T.4: Shock 试验 T.4: 冲击			
Test Conclusion 试验结论: The Rechargeable Lithium-ion Cell submitted by Hebei Juyuan Lithium Battery Technology Co., Ltd. is tested according to the United Nations Manual of Tests and Criteria, PART III, section 38.3 Lithium metal and lithium ion batteries, the seventh revised edition amendment 1 (ST/SG/AC.10/11/Rev.7/Amend.1). Test results: PASS 由河北巨源锂电科技有限公司提交的可充电锂离子电池按照联合国《试验和标准手册》，第三部分，38.3 节锂金属和锂离子电池要求，第七修订版修正 1 (ST/SG/AC.10/11/Rev.7/Amend.1)进行测试。 测试结果: 合格			
Tested by: 主检人:	Sean Kang 康进国	康进国	
Reviewed by: 审核人:	Shaw Xiao 肖辉	肖辉	
Approved by: 批准人:	Jesse Zhang 张士杰	张士杰 报告单位（盖章） Seal of NTEK	

General product information 通用产品信息:			
Model/Type 型号	CBA71173204-280Ah	Rated Rating 额定值	3.2V 280Ah 896Wh
Standard Charging Current 标准充电电流	140A	Max. Charging Current 最大充电电流	280A
Standard Discharge Current 标准放电电流	140A	Max. Discharge Current 最大放电电流	280A
Limited Charging Voltage 充电限制电压	3.65V	Cut-off Voltage 放电截止电压	2.0V
Appearance 外观	Blue, Prismatic 蓝色、棱柱形	Dimension (T×W×L) 尺寸(mm)	72.2×174.4×209.78mm
Classification 类别	Large Lithium ion Cells 大型锂离子电芯		

Sample description 样品说明			
Type 类型	Sample No. 样品编号	Sample Sub-No. 样品子编号	State of samples 样品状态
Cell 电池芯	NE240223131001-X*	001~005	Fully charged at first cycle 首次循环满电状态
		006~010	Fully charged after 25 cycles 25 次循环后满电状态
		011~015	50% of the design rated capacity at first cycle 首次循环 50%电荷状态
		016~020	50% of the design rated capacity after 25 cycles 25 次循环后 50%电荷状态
		021~030	Fully discharged at first cycle 首次循环完全放电状态
		031~040	Fully discharged after 25 cycles 25 次循环后完全放电状态
* “X” contained in Sample No. represents Sample Sub-No., it consists of three digit. 包含在样品编号中的 “X” 表示样品子编号，由 3 位数字组成。			

Test environment condition: Room temperature: 15°C-25°C; Room humidity: 40-70%

试验环境条件: 环境温度: 15°C-25°C; 环境湿度: 40-70%

Remark 备注: None 无

**Summaries of testing 测试摘要:**

All cell types are subjected to tests T.1 to T.6 and T.8. Tests T.1 to T.5 are conducted in sequence on the same cells. Tests T.6 and T.8 are conducted using not otherwise tested cells.

所有类型的电芯均应进行T.1至T.6和T.8项试验。电芯必须按顺序在相同的一组电芯上进行试验T.1至T.5。试验T.6和T.8应使用另外未试验过的电芯。

In order to quantify the mass loss, the following procedure is provided:

$$\text{Mass loss(\%)} = (M_1 - M_2) / M_1 \times 100$$

为了量化质量损失, 可用以下公式计算:

$$\text{质量损失(\%)} = (M_1 - M_2) / M_1 \times 100$$

Where  $M_1$  is the mass before the test and  $M_2$  is the mass after the test. When mass loss does not exceed the values in Table below, it is considered as "no mass loss".

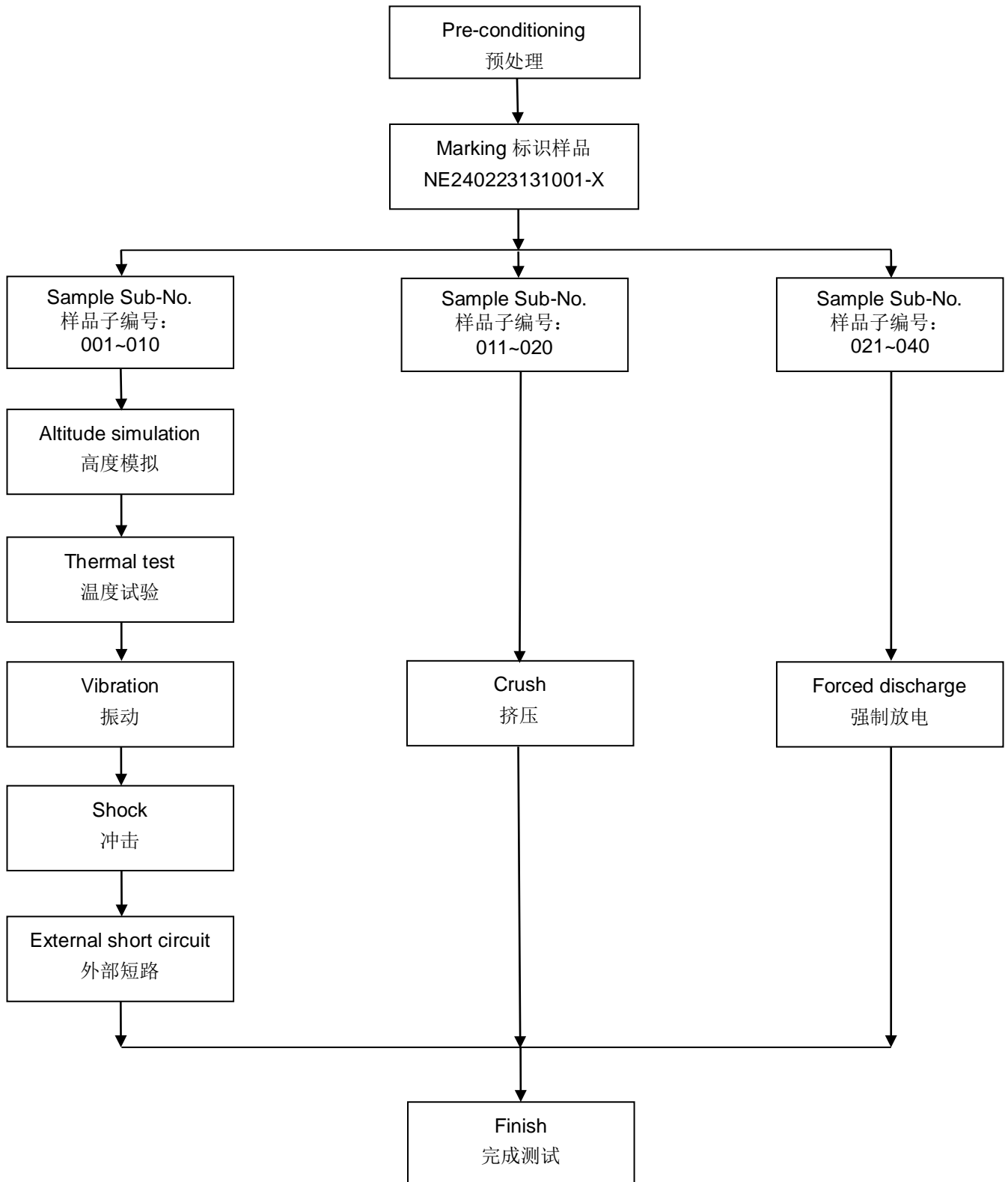
式中:  $M_1$ 是试验前的质量,  $M_2$ 是试验后的质量。如果质量损失不超过下表所列的数值, 应视为“无质量损失”。

Mass M of cell or battery 电芯或电池的质量	Mass loss limit 质量损失限值
$M < 1\text{g}$	0.5%
$1\text{g} \leq M \leq 75\text{g}$	0.2%
$M > 75\text{g}$	0.1%

In tests T.1 to T.4, cells meet this requirement if there is no leakage, no venting, no disassembly, no rupture and no fire and if the open circuit voltage of each test cell after testing is not less than 90% of its voltage immediately prior to this procedure.

在T.1至T.4的试验中, 电芯须满足无渗漏、无泄气、无解体、无破裂和无起火, 并且每个试验电芯在试验后的开路电压不小于其在进行这一试验前电压的90%。

## Test Procedure 测试程序



Photos of sample 样品照片



## Test results 测试结果:

## Test T.1: Altitude simulation 试验T.1: 高度模拟

## Test method 测试方法

Cells are stored at a pressure of 11.6 kPa or less for at least six hours at ambient temperature ( $20 \pm 5^{\circ}\text{C}$ ).

试验电芯被放置在压力等于或低于11.6 kPa和环境温度( $20\pm 5^{\circ}\text{C}$ )下存放至少6小时。

## Requirement 要求

Cells meet this requirement if there is no leakage, no venting, no disassembly, no rupture and no fire and if the open circuit voltage of each test cell after testing is not less than 90% of its voltage immediately prior to this procedure.

电芯须无渗漏、无泄气、无解体、无破裂和无起火，并且每个试验电芯在试验后的开路电压不小于其在进行这一试验前电压的90%。

## Test Data showed in table below 测试数据见下表

Sample Sub-No. 样品子编号	Prior to test 试验前		After test 试验后		Mass loss 质量损失 (%)	Voltage after test/ voltage prior to test 试验后电压/试验前电压(%)	Results 结果
	Mass 质量 (g)	Voltage 电压 (V)	Mass 质量 (g)	Voltage 电压 (V)			
001	5489.6	3.368	5489.6	3.367	0.000	99.97	PASS 合格
002	5486.5	3.364	5486.5	3.363	0.000	99.97	PASS 合格
003	5487.2	3.367	5487.2	3.365	0.000	99.94	PASS 合格
004	5489.7	3.368	5489.7	3.367	0.000	99.97	PASS 合格
005	5490.3	3.365	5490.3	3.364	0.000	99.97	PASS 合格
006	5488.5	3.367	5488.5	3.365	0.000	99.94	PASS 合格
007	5489.7	3.364	5489.7	3.363	0.000	99.97	PASS 合格
008	5487.2	3.366	5487.2	3.365	0.000	99.97	PASS 合格
009	5486.7	3.367	5486.7	3.366	0.000	99.97	PASS 合格
010	5491.5	3.365	5491.5	3.363	0.000	99.94	PASS 合格

## Notes 注释:

After the test, there is no leakage, no venting, no disassembly, no rupture and no fire.

测试后，电芯未渗漏、未泄气、未解体、未破裂和未起火。

Room temperature 环境温度:  $22.4^{\circ}\text{C}$



**Test T.2: Thermal test 试验T.2: 温度试验****Test method 测试方法**

Cells are to be stored for at least 12 hours at a test temperature equal to  $72 \pm 2^\circ\text{C}$ , followed by storage for at least 12 hours at a test temperature equal to  $-40 \pm 2^\circ\text{C}$ . The maximum time interval between test temperature extremes is 30 minutes. This procedure is to be repeated 10 times, after which all test cells are to be stored for 24 hours at ambient temperature ( $20 \pm 5^\circ\text{C}$ ).

电芯放置在试验温度等于 $72 \pm 2^\circ\text{C}$ 的条件下存放至少12小时，接着再在试验温度等于 $-40 \pm 2^\circ\text{C}$ 的条件下存放至少12小时。两个极端试验温度之间的最大时间间隔为30分钟。此程序重复进行，共完成10次，接着将所有试验电芯在环境温度( $20 \pm 5^\circ\text{C}$ )下存放24小时。

**Requirement 要求**

Cells meet this requirement if there is no leakage, no venting, no disassembly, no rupture and no fire and if the open circuit voltage of each test cell after testing is not less than 90% of its voltage immediately prior to this procedure.

电芯须无渗漏、无泄气、无解体、无破裂和无起火，并且每个试验电芯在试验后的开路电压不小于其在进行这一试验前电压的90%。

**Test Data showed in table below 测试数据见下表**

Sample Sub-No. 样品子编号	Prior to test 试验前		After test 试验后		Mass loss 质量损失 (%)	Voltage after test/ voltage prior to test 试验后电压/试验前电压(%)	Results 结果
	Mass 质量 (g)	Voltage 电压 (V)	Mass 质量 (g)	Voltage 电压 (V)			
001	5489.6	3.367	5487.3	3.332	0.042	98.96	PASS 合格
002	5486.5	3.363	5484.2	3.334	0.042	99.14	PASS 合格
003	5487.2	3.365	5484.8	3.332	0.044	99.02	PASS 合格
004	5489.7	3.367	5487.6	3.335	0.038	99.05	PASS 合格
005	5490.3	3.364	5488.4	3.331	0.035	99.02	PASS 合格
006	5488.5	3.365	5486.2	3.332	0.042	99.02	PASS 合格
007	5489.7	3.363	5487.4	3.331	0.042	99.05	PASS 合格
008	5487.2	3.365	5485.3	3.334	0.035	99.08	PASS 合格
009	5486.7	3.366	5484.3	3.335	0.044	99.08	PASS 合格
010	5491.5	3.363	5489.4	3.334	0.038	99.14	PASS 合格

**Notes 注释:**

After the test, there is no leakage, no venting, no disassembly, no rupture and no fire.

测试后，电芯未渗漏、未泄气、未解体、未破裂和未起火。

Room temperature 环境温度:  $22.7^\circ\text{C}$



**Test T.3: Vibration 试验T.3: 振动****Test method 测试方法**

Cells are firmly secured to the platform of the vibration machine without distorting the cells in such a manner as to faithfully transmit the vibration. The vibration shall be a sinusoidal waveform with a logarithmic sweep between 7 Hz and 200 Hz and back to 7 Hz traversed in 15 minutes. This cycle shall be repeated 12 times for a total of 3 hours for each of three mutually perpendicular mounting positions of the cell. One of the directions of vibration must be perpendicular to the terminal face.

The logarithmic frequency sweep is as follows: from 7 Hz a peak acceleration of 1  $g_n$  is maintained until 18 Hz is reached. The amplitude is then maintained at 0.8 mm (1.6 mm total excursion) and the frequency increased until a peak acceleration of 8  $g_n$  occurs (approximately 50 Hz). A peak acceleration of 8  $g_n$  is then maintained until the frequency is increased to 200 Hz.

电芯紧固于振动台面，但不得造成电芯变形，并能准确可靠地传播振动。振动应是正弦波形，对数扫描频率在7 Hz和200 Hz之间，再回到7 Hz，1次循环时间为15分钟。这一振动过程须对三个互相垂直的电芯安装方位的每一方向重复进行12次，总共为时3小时。其中一个振动方向必须与端面垂直。

对数扫频方式：从7 Hz开始，保持1  $g_n$ 的最大加速度，直到频率达到18 Hz。然后将振幅保持在0.8mm（总位移1.6mm），并增加频率直到峰值加速度达到8  $g_n$ （频率约为50 Hz）。将峰值加速度保持在8  $g_n$ 直到频率增加到200 Hz。

**Requirement 要求**

Cells meet this requirement if there is no leakage, no venting, no disassembly, no rupture and no fire during the test and after the test and if the open circuit voltage of each test cell directly after testing in its third perpendicular mounting position is not less than 90% of its voltage immediately prior to this procedure.

测试中和测试后电芯须无渗漏、无泄气、无解体、无破裂和无起火，并且每个试验电芯在第三个垂直安装方位上的试验后立即测得的开路电压不小于在进行这一试验前电压的90%。

Test Data showed in table below 测试数据见下表

Sample Sub-No. 样品子编号	Prior to test 试验前		After test 试验后		Mass loss 质量损失 (%)	Voltage after test/ voltage prior to test 试验后电压/试验前电压(%)	Results 结果
	Mass 质量 (g)	Voltage 电压 (V)	Mass 质量 (g)	Voltage 电压 (V)			
001	5487.3	3.332	5487.3	3.331	0.000	99.97	PASS 合格
002	5484.2	3.334	5484.2	3.332	0.000	99.94	PASS 合格
003	5484.8	3.332	5484.5	3.331	0.005	99.97	PASS 合格
004	5487.6	3.335	5487.6	3.334	0.000	99.97	PASS 合格
005	5488.4	3.331	5488.4	3.330	0.000	99.97	PASS 合格
006	5486.2	3.332	5486.2	3.331	0.000	99.97	PASS 合格
007	5487.4	3.331	5487.4	3.329	0.000	99.94	PASS 合格
008	5485.3	3.334	5485.2	3.333	0.002	99.97	PASS 合格
009	5484.3	3.335	5484.3	3.334	0.000	99.97	PASS 合格
010	5489.4	3.334	5489.4	3.332	0.000	99.94	PASS 合格

**Notes 注释:**

During and after the test, there is no leakage, no venting, no disassembly, no rupture and no fire.

测试中和测试后，电芯未渗漏、未泄气、未解体、未破裂和未起火。

Room temperature 环境温度: 22.8°C

**Test T.4: Shock 试验 T.4: 冲击****Test method 测试方法**

Cells are secured to the testing machine by means of a rigid mount which will support all mounting surfaces of each test cell. Each cell is subjected to a half-sine shock of peak acceleration of 50 g<sub>n</sub> and pulse duration of 11 milliseconds. Each cell is subjected to three shocks in the positive direction followed by three shocks in the negative direction of three mutually perpendicular mounting positions of the cell for a total of 18 shocks.

试验电芯用刚性支架紧固在试验装置上，支架支撑着每个试验电芯的所有安装面。每个电芯须经受峰值加速度 50 g<sub>n</sub>和脉冲持续时间11ms的半正弦波冲击。每个电芯须在三个互相垂直的电芯安装方位的正方向经受三次冲击，接着在反方向经受三次冲击，总共经受18次冲击。

**Requirement 要求**

Cells meet this requirement if there is no leakage, no venting, no disassembly, no rupture and no fire and if the open circuit voltage of each test cell after testing is not less than 90% of its voltage immediately prior to this procedure.

电芯须无渗漏、无泄气、无解体、无破裂和无起火，并且每个试验电芯在试验后的开路电压不小于其在进行这一试验前电压的90%。

**Test Data showed in table below 测试数据见下表**

Sample Sub-No. 样品子编号	Prior to test 试验前		After test 试验后		Mass loss 质量损失 (%)	Voltage after test/ voltage prior to test 试验后电压/试验前电压(%)	Results 结果
	Mass 质量 (g)	Voltage 电压 (V)	Mass 质量 (g)	Voltage 电压 (V)			
001	5487.3	3.331	5487.3	3.331	0.000	100.0	PASS 合格
002	5484.2	3.332	5484.2	3.332	0.000	100.0	PASS 合格
003	5484.5	3.331	5484.5	3.331	0.000	100.0	PASS 合格
004	5487.6	3.334	5487.6	3.334	0.000	100.0	PASS 合格
005	5488.4	3.330	5488.4	3.330	0.000	100.0	PASS 合格
006	5486.2	3.331	5486.2	3.331	0.000	100.0	PASS 合格
007	5487.4	3.329	5487.4	3.329	0.000	100.0	PASS 合格
008	5485.2	3.333	5485.2	3.333	0.000	100.0	PASS 合格
009	5484.3	3.334	5484.3	3.334	0.000	100.0	PASS 合格
010	5489.4	3.332	5489.4	3.332	0.000	100.0	PASS 合格

**Notes 注释:**

After the test, there is no leakage, no venting, no disassembly, no rupture and no fire.

测试后，电芯未渗漏、未泄气、未解体、未破裂和未起火。

Room temperature 环境温度: 22.4°C

**Test T.5: External short circuit 试验T.5: 外部短路****Test method 测试方法**

Cells to be tested are heated for a period of time necessary to reach a homogeneous stabilized temperature of  $57 \pm 4$  °C, measured on the external case. This period of time depends on the size and design of the cell and is assessed and documented. Then the cell at  $57 \pm 4$  °C is subjected to one short circuit condition with a total external resistance of less than 0.1 ohm.

This short circuit condition is continued for at least one hour after the cell external case temperature has returned to  $57 \pm 4$  °C.

The short circuit and cooling down phases are conducted at least at ambient temperature.

试验电芯首先被加热或恒定一段时间, 使其达到 $57 \pm 4$  °C并使其外表面温度均匀恒定在 $57 \pm 4$  °C。该加热时间或热恒定时间的长短取决于该电芯的尺寸和设计, 并同时加以评估及提供文件证明。然后该电芯在 $57 \pm 4$  °C的条件下承受一个外部总阻抗小于 $0.1\Omega$ 的短路条件。

该短路测试持续到电芯外表面温度返回至 $57 \pm 4$  °C后再保持至少1小时。

该短路和冷却阶段均被执行在 $57 \pm 4$  °C的环境温度下。

**Requirement 要求**

Cells meet this requirement if their external temperature does not exceed 170°C and there is no disassembly, no rupture and no fire during the test and within six hours after test.

电芯外壳温度不超过170°C, 并且在试验过程中及试验后6小时内无解体、无破裂, 无起火。

**Test data showed in table below 测试数据见下表**

Sample Sub-No. 样品子编号	Maximum outer casing temperature 电池表面最高温度 (°C)	Results 结果
001	59.6	PASS 合格
002	59.2	PASS 合格
003	59.5	PASS 合格
004	59.7	PASS 合格
005	59.1	PASS 合格
006	59.4	PASS 合格
007	59.8	PASS 合格
008	59.6	PASS 合格
009	59.2	PASS 合格
010	59.3	PASS 合格

**Notes 注释:**

There is no disassembly, no rupture and no fire during the test and within six hours after test.

电芯在测试中和测试后 6 小时内未解体、未破裂, 未起火。

Room temperature 环境温度: 23.1°C

**Test T.6: Crush 试验T.6: 挤压****Test method 测试方法**

A cell is to be crushed between two flat surfaces. The crushing is to be gradual with a speed of approximately 1.5 cm/s at the first point of contact. The crushing is to be continued until the first of the three options below is reached.

- (a) The applied force reaches 13 kN  $\pm$  0.78 kN; (b) The voltage of the cell drops by at least 100 mV; or  
(c) The cell is deformed by 50% or more of its original thickness.

Once the maximum pressure has been obtained, the voltage drops by 100 mV or more, or the cell is deformed by at least 50% of its original thickness, the pressure is released.

A prismatic or pouch cell shall be crushed by applying the force to the widest side. A button/coin cell shall be crushed by applying the force on its flat surfaces. For cylindrical cells, the crush force shall be applied perpendicular to the longitudinal axis.

Each cell is to be subjected to one crush only. The test sample is observed for a further 6 h. The test is conducted using cells that have not previously been subjected to other tests.

将电芯放在两个平面之间挤压，挤压力度逐渐加大，在第一个接触点上的速度大约为 1.5 cm/s。挤压持续进行，直到出现以下三种情况之一：

- a)施加的力量达到 13 kN  $\pm$  0.78 kN；b)电芯的电压下降至少 100mV；或  
c)电芯形变达原始厚度的 50%或更多。

一旦达到最大压力、电压下降 100mV 或更多，或电芯形变至少达原厚度的 50%，即可解除压力。

棱柱形或袋装电芯须从最宽的面施压。扣式或币式电芯，须施加挤压力在它的扁平面之间。圆柱形电芯，挤压力须施加于垂直于电芯纵轴的方向上。

每个试样电芯只做一次挤压试验。试样须继续观察 6 小时。试验须使用之前未做过其他试验的电芯进行。

**Requirement 要求**

Cells meet this requirement if their external temperature does not exceed 170°C and there is no disassembly and no fire during the test and within six hours after the test.

电芯外壳温度不超过170°C，并且在试验过程中及试验后6小时内无解体，无起火。

Test data showed in table below 测试数据见下表

Sample Sub-No. 样品子编号	Maximum outer casing temperature 电池芯表面最高温度 (°C)	Results 结果
011	23.9	PASS 合格
012	24.0	PASS 合格
013	23.8	PASS 合格
014	24.1	PASS 合格
015	24.0	PASS 合格
016	23.8	PASS 合格
017	24.2	PASS 合格
018	24.0	PASS 合格
019	23.9	PASS 合格
020	24.2	PASS 合格

**Notes 注释:**

There is no disassembly, no rupture and no fire during the test and within six hours after the test.

电芯在测试中和测试后 6 小时内未解体、未起火。

Room temperature 环境温度: 23.1°C

**Test T.8: Forced discharge 试验 T.8: 强制放电****Test method 测试方法**

Each cell is forced discharged at ambient temperature by connecting it in series with a 12V D.C. power supply at an initial current equal to the maximum discharge current specified by the manufacturer.

The specified discharge current is to be obtained by connecting a resistive load of the appropriate size and rating in series with the test cell. Each cell is forced discharged for a time interval (in hours) equal to its rated capacity divided by the initial test current (in ampere).

每个电芯在环境温度下与 12V 直流电源串联在起始电流等于制造商给定的最大放电电流的条件下强制放电。

电芯与一个适当大小的电阻负载串联以调节到规定大小的放电电流。每块电芯的放电时间（单位为 h）等于电芯的额定容量除以试验初始放电电流（单位 A）。

**Requirement 要求**

Cells meet this requirement if there is no disassembly and no fire during the test and within seven days after the test.

电芯在试验过程中和试验后 7 天内无解体，无起火。

Test data showed in table below 测试数据见下表

Initial current 初始电流(A).....:		280A	
Supply voltage 试验电压(Vdc) .....		12Vdc	
Time interval 试验时间(Minutes) .....		60 Minutes	
Sample Sub-No. 样品子编号	Results 结果	Sample Sub-No. 样品子编号	Results 结果
021	PASS 合格	031	PASS 合格
022	PASS 合格	032	PASS 合格
023	PASS 合格	033	PASS 合格
024	PASS 合格	034	PASS 合格
025	PASS 合格	035	PASS 合格
026	PASS 合格	036	PASS 合格
027	PASS 合格	037	PASS 合格
028	PASS 合格	038	PASS 合格
029	PASS 合格	039	PASS 合格
030	PASS 合格	040	PASS 合格

**Notes 注释:**

There is no disassembly and no fire during the test and within seven days after the test.

电芯在测试中和测试后 7 天内未解体，未着火。

Room temperature 环境温度: 22.8°C

**\*\*\*\*\*End of Test Report 检测报告结束\*\*\*\*\***

# Important Notice

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Shenzhen NTEK New Energy Technology Co., Ltd.

深圳市北测新能源技术有限公司

Address: Room 101, Building C, Fenda Hi-Tech Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

地址：深圳市宝安区航城街道三围社区奋达高新科技园 C 栋 101

Tel 电话：+86(0)-755-3699 5529      E-mail 邮箱：Quality@ntekbat.org.cn

Website 网址：http://www.ntekbat.org.cn