



中国认可  
检测  
TESTING  
CNAS L0748



220014349552



NO.1123010077

# 检 测 报 告

## Test Report

样品名称 : 锂离子圆柱形可充电电池组 CH700-2S1P 7.2V 1900mAh  
13.68Wh

Name of Sample: Li-ion Cylindrical Rechargeable Battery Pack  
CH700-2S1P 7.2V 1900mAh 13.68Wh

委托单位: 东莞市朗科新能源科技有限公司

Consignor: Dongguan Longood New Energy Technology Co., Ltd.



上海化院检测有限公司

Shanghai Institute of Chemical Industry Testing Co., Ltd.

## 声 明

### Statement

1. 检测报告无本实验室公章（或检验检测专用章）无效。  
The test report is invalid if it is not affixed the official seal of the laboratory to it.
2. 复制检测报告未重新加盖本实验室公章（或检验检测专用章）无效。  
Copies of the test report without the official seal of the laboratory are invalid.
3. 检测报告无编制、审核、批准人签字无效。  
The test report is invalid without the signatures of compiler, checker and approver.
4. 检测报告涂改无效。  
The test report is invalid if it is blotted out.
5. 未经本实验室书面批准，不得部分复制检测报告。  
It is forbidden to copy the test report partially without the written approval of the laboratory.
6. 送样委托检测结果，仅对所送样品有效。  
The conclusion of the consignation test is only valid for the provided sample.
7. 本检测报告以中文为准，英文文本（如有）仅为译文，两者发生冲突时，应以中文文本为准。  
The test report has been drafted in Chinese and translated into English (if exist) for convenience only. In the event of discrepancy, the Chinese version shall prevail.
8. 除另有说明，检测检验类别都是指委托分析。  
Unless noted otherwise, the test type is consignation test.

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网址 (web site): [www.ghs.cn](http://www.ghs.cn)  
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上海化工院检测有限公司  
检 测 报 告

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|                             |   |  |                         |        |  |  |  |
|-----------------------------|---|--|-------------------------|--------|--|--|--|
| 样品名称<br>Name of Sample      | 中文<br>Chinese   | 锂离子圆柱形可充电电池组 CH700-2S1P 7.2V 1900mAh 13.68Wh                                 |                         |        |  |  |  |
|                             | 英文<br>English   | Li-ion Cylindrical Rechargeable Battery Pack CH700-2S1P 7.2V 1900mAh 13.68Wh |                         |        |  |  |  |
| 样品编号<br>Sample No.          | 1123010077  |  |                         |        |  |  |  |
| 委托单位<br>Consignor           | 东莞市朗科新能源科技有限公司<br>Dongguan Longood New Energy Technology Co., Ltd.  |  |                         |        |  |  |  |
| 生产单位<br>Manufacturer        | 东莞市朗科新能源科技有限公司<br>Dongguan Longood New Energy Technology Co., Ltd.  |  |                         |        |  |  |  |
| 检测方法<br>Test method         | 联合国《试验和标准手册》<br>ST/SG/AC. 10/11/Rev. 7 38.3 UN Manual of Tests and Criteria ST/SG/AC. 10/11/Rev. 7<br>Section 38.3  |  |                         |        |  |  |  |
| 判定标准<br>Criterion           | 联合国《试验和标准手册》<br>ST/SG/AC. 10/11/Rev. 7 38.3 UN Manual of Tests and Criteria ST/SG/AC. 10/11/Rev. 7<br>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     | 2023-01-03  | 检测起迄日期<br>Test Date  | 2023-01-16 ~ 2023-02-21 |        |  |  |  |
| 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《试验和标准手册》ST/SG/AC. 10/11/Rev. 7 38.3标准要求。<br>The sample has passed the test items of UN Manual of Tests and Criteria ST/SG/AC. 10/11/Rev. 7 Section 38.3 |  |                         |        |  |  |  |
| 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       | 518109 |  |  |  |

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上海化工院检测有限公司  
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| 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《试验和标准手<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.1<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>T.1 | 见附表 1<br>See Appendix 1 | 合格<br>Passed       | /               |
| 2   | 热测试<br>Thermal test              | 联合国《试验和标准手<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.2<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>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<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.3<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>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<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.4<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>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《试验和标准手<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.5<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>T.5 | 见附表 5<br>See Appendix 5 | 合格<br>Passed       | /               |
| 6   | 撞击<br>Impact                     | 联合国《试验和标准手<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.6<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>T.6 | 见附表 6<br>See Appendix 6 | 合格<br>Passed       | /               |
| 7   | 过充电<br>Overcharge                | 联合国《试验和标准手<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.7<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>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《试验和标准手<br>册》ST/SG/AC. 10/11/Rev. 7 38.3 试验T.8<br>UN Manual of Tests and Criteria<br>ST/SG/AC. 10/11/Rev. 7 Section 38.3 Test<br>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℃-21℃;环境湿度:/%<br>Ambient temperature:20℃-21℃;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-附表1

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上海化工院检测有限公司  
检测报告-附表2

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检测报告-附表3  
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上海化工院检测有限公司  
检测报告 - 附表4  
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检测报告-附表5  
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备注: D-解体 R-破裂 F-起火 0-无解体、无起火、无破裂。

Note: D-Disassembly R-Ruptur F-Fire O-No Disassembly, No Fire & No Rupture.

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检测报告-附表6  
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检测报告-附表7  
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上海化工院检测有限公司  
检 测 报 告 - 附表8

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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 0-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-附图  
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\*\*\*报告结束\*\*\*

# 101-77-68 6X CONC

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 12/15/2023 Revision date: 12/15/2023 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product code : 101-77-68

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

Shark Ninja Operating LLC  
89 A Street  
Suite 100  
Needham, 02494  
United States  
T 514-842-8691  
[SHao@sharkninja.com](mailto:SHao@sharkninja.com) - [www.sharkclean.com](http://www.sharkclean.com)

#### 1.4. Emergency telephone number

Emergency number : 1-800-535-5053

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

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## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center/doctor/physician if you feel unwell.      |

#### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

|                              |  |
|------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
|------------------------------|--|

#### 5.2. Specific hazards arising from the chemical

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

#### 5.3. Special protective equipment and precautions for fire-fighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

|                      |                            |
|----------------------|----------------------------|
| Emergency procedures | : Ventilate spillage area. |
|----------------------|----------------------------|

##### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Take up liquid spill into absorbent material.                 |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

#### 6.4. Reference to other sections

For further information refer to section 13.

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## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 101-77-68 6X CONC

No additional information available

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

##### Hand protection:

Protective gloves

##### Eye protection:

Safety glasses

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

##### Personal protective equipment symbol(s):



### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Color : Colorless  
Odor : Fresh Linen  
Odor threshold : No data available  
pH : No data available

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## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |                     |
|-----------------------------------|---------------------|
| Acute toxicity (oral)             | : Not classified    |
| Acute toxicity (dermal)           | : Not classified    |
| Acute toxicity (inhalation)       | : Not classified    |
| Skin corrosion/irritation         | : Not classified    |
| Serious eye damage/irritation     | : Not classified    |
| Respiratory or skin sensitization | : Not classified    |
| Germ cell mutagenicity            | : Not classified    |
| Carcinogenicity                   | : Not classified    |
| Reproductive toxicity             | : Not classified    |
| STOT-single exposure              | : Not classified    |
| STOT-repeated exposure            | : Not classified    |
| Aspiration hazard                 | : Not classified    |
| Viscosity, kinematic              | : No data available |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |  |
|-------------------|--|
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. |
|-------------------|--|

### 12.2. Persistence and degradability

No additional information available

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## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable

### 14.3. Transport hazard class(es)

#### DOT

Transport hazard class(es) (DOT) : Not applicable

### 14.4. Packing group

Packing group (DOT) : Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### DOT

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations

No additional information available

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### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 12/15/2023

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.