



中国认可  
国际互认  
检测  
TESTING  
CNAS L5510

Page 1 of 20 Pages

No.: RZUN022025-0042

# 检测报告

## TEST REPORT

**UN38.3**

NAME OF SAMPLE:

PowerGiant 3600 High-Performance Industrial  
Mobile Power Station

产品名称:

巨力 3600 高性能工业移动电站

CLIENT:

Chongqing Pingchuang Institute of Semiconductors  
Co., Ltd.

委托单位:

重庆平创半导体研究院有限责任公司

CLASSIFICATION OF TEST:

Commission Test

检测类别:

委托测试

嘉兴威凯检测技术有限公司  
CVC Testing Technology (Jiaxing) Co., Ltd.

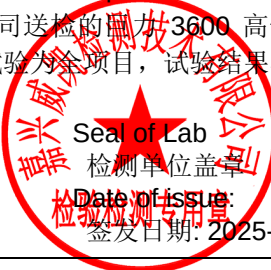


# 检测报告

## TEST REPORT

No.: RZUN022025-0042

Page 2 of 20 Pages

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of samples: PowerGiant 3600 High-Performance Industrial Mobile Power Station<br>样品名称:巨力 3600 高性能工业移动电站                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Type/Model:<br>型号规格: PHS3600P-EU-G, PHS3600P-EU-B, PHS3600P-EU-O, PHS3600P-EU-R, PHS3600P-CN-G, PHS3600P-CN-B, PHS3600P-CN-O, PHS3600P-CN-R, PHS3600P-UK-G, PHS3600P-UK-B, PHS3600P-UK-O, PHS3600P-UK-R, PHS3600P-FR-G, PHS3600P-FR-B, PHS3600P-FR-O, PHS3600P-FR-R, PHS3600P-AU-G, PHS3600P-AU-B, PHS3600P-AU-O, PHS3600P-AU-R<br>72V*8 4Ah*8 2304Wh |
| Color : White<br>样品颜色: 白色                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Physical shape:Irregular shape<br>样品形状: 不规则形状                                                                                                                                                                                                                                                                                                         |
| Commissioned by: Chongqing Pingchuang Institute of Semiconductors Co., Ltd.<br>委托单位: 重庆平创半导体研究院有限责任公司                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Commissioner address:No.1 Hongyu Avenue, Biquan Street, Bishan District 402760 Chongqing City P.R. China<br>委托单位地址:重庆市璧山区璧泉街道红宇大道 1 号 (2 号楼、3 号楼)                                                                                                                                                                                                     |
| Manufacturer: Chongqing Pingchuang Institute of Semiconductors Co., Ltd.<br>制造商: 重庆平创半导体研究院有限责任公司                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Manufacturer address:No.1 Hongyu Avenue, Biquan Street, Bishan District 402760 Chongqing City P.R. China<br>制造商地址: 重庆市璧山区璧泉街道红宇大道 1 号 (2 号楼、3 号楼)                                                                                                                                                                                                     |
| Factory: Chongqing Pingchuang Institute of Semiconductors Co., Ltd.<br>生产厂: 重庆平创半导体研究院有限责任公司                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Factory address: No.1 Hongyu Avenue, Biquan Street, Bishan District 402760 Chongqing City P.R. China<br>生产厂地址: 重庆市璧山区璧泉街道红宇大道 1 号 (2 号楼、3 号楼)                                                                                                                                                                                                         |
| Classification of test: Commission Test<br>检测类别: 委托测试                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quantity of sample: 8 battery packs, 30 cells<br>样品数量: 8 个电池组, 30 个电芯                                                                                                                                                                                                                                                                                 |
| Tested according to:<br>测试标准: ST/SG/AC.10/11/Rev.8/ Section 38.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sample identification:<br>样品标识序号:b1#~b8#, c1#~c30#                                                                                                                                                                                                                                                                                                    |
| Receiving date:<br>接样日期: 2025-07-24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Means of receiving: Submitted by commissioner<br>接样方式: 委托单位送样                                                                                                                                                                                                                                                                                         |
| Completing date:<br>完成日期: 2025-09-30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Test item: See page 3<br>测试项目: 见第 3 页                                                                                                                                                                                                                                                                                                                 |
| Test conclusion:<br>检测结论:<br><p>The PowerGiant 3600 High-Performance Industrial Mobile Power Station submitted by Chongqing Pingchuang Institute of Semiconductors Co., Ltd. are tested according to Section 38.3 of the Eighth revised edition of the Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.8/Section 38.3). The test items are full items. The test results comply with the relevant requirements of the standard.</p> <p>由重庆平创半导体研究院有限责任公司送检的巨力 3600 高性能工业移动电站, 依据联合国《试验和标准手册》第八修订版第 38.3 节进行检测, 试验为全项目, 试验结果符合标准相关要求。</p> <div style="text-align: center;"><p>Seal of Lab<br/>检测单位盖章<br/>Date of issue:<br/>签发日期: 2025-09-30</p></div> |                                                                                                                                                                                                                                                                                                                                                       |

Approved by: Wang Wentao Reviewed by: Zhuang Yudi Tested by: Dai Jiacheng

批 准: Wang Wentao 审 核: Zhuang Yudi 检 测: Dai Jiacheng

Description and illustration of the sample: 样品说明及描述:

The sample's status is good 样品状况良好。

The PowerGiant 3600 High-Performance Industrial Mobile Power Stations is composed of 8 internal battery packs. Each battery pack is made up of cell units (INR21700-40TG), and the connection method is: 1P20S

巨力 3600 高性能工业移动电站由 8 个内部电池包构成, 每个电池包由电芯 (INR21700-40TG) 组成, 连接方式为: 1P20S

PowerGiant 3600 High-Performance Industrial Mobile Power Stations have different socket configurations according to different market demands, and there are four colors of side covers. Thus have various model names (PHS3600P-EU-G, PHS3600P-EU-B, PHS3600P-EU-O, PHS3600P-EU-R, PHS3600P-CN-G, PHS3600P-CN-B, PHS3600P-CN-O, PHS3600P-CN-R, PHS3600P-UK-G, PHS3600P-UK-B, PHS3600P-UK-O, PHS3600P-UK-R, PHS3600P-FR-G, PHS3600P-FR-B, PHS3600P-FR-O, PHS3600P-FR-R, PHS3600P-AU-G, PHS3600P-AU-B, PHS3600P-AU-O, PHS3600P-AU-R). The other aspects are exactly the same. The actual test sample model mentioned in this report is PHS3600P-CN-G.

巨力 3600 高性能工业移动电站因不同市场需求插座不同, 且有 4 种侧盖颜色, 有多种型号名称 (PHS3600P-EU-G, PHS3600P-EU-B, PHS3600P-EU-O, PHS3600P-EU-R, PHS3600P-CN-G, PHS3600P-CN-B, PHS3600P-CN-O, PHS3600P-CN-R, PHS3600P-UK-G, PHS3600P-UK-B, PHS3600P-UK-O, PHS3600P-UK-R, PHS3600P-FR-G, PHS3600P-FR-B, PHS3600P-FR-O, PHS3600P-FR-R, PHS3600P-AU-G, PHS3600P-AU-B, PHS3600P-AU-O, PHS3600P-AU-R), 其他完全一致。本报告中实际测试样品型号为 PHS3600P-CN-G。

Cell Dimensions/电芯尺寸:  $\phi 21\text{mm} \times 70\text{mm}$

Watt-hour rating of each battery/ 单个电池组的瓦时数: 2304Wh

| Test item<br>试验项目 | Sample No.<br>样品编号 | State<br>状态                                                                                | Remark<br>备注 |
|-------------------|--------------------|--------------------------------------------------------------------------------------------|--------------|
| T.1~T.5           | b1#~b2#            | at first cycle, in fully charged states<br>第一个交替充电放电周期完全充电状态                               | -            |
|                   | b3#~b4#            | after 25 cycles ending in fully charged states<br>第 25 个交替充电放电周期完全充电状态                     | -            |
| T.6               | c1#~c5#            | at first cycle at 50% of the design rated capacity<br>第一个交替充电放电周期充电到设计额定容量的 50%            | -            |
|                   | c6#~c10#           | after 25 cycles ending at 50% of the design rated capacity<br>第 25 个交替充电放电周期充电到设计额定容量的 50% |              |
| T.7               | b5#~b6#            | at first cycle, in fully charged states<br>第一个交替充电放电周期完全充电状态                               |              |
|                   | b7#~b8#            | after 25 cycles ending in fully charged states<br>第 25 个交替充电放电周期完全充电状态                     |              |
| T.8               | c11#~c20#          | at first cycle, in fully discharged states<br>第一个交替充电放电周期完全放电状态                            | -            |
|                   | c21#~c30#          | after 25 cycles ending in fully discharged states<br>第 25 个交替充电放电周期完全放电状态                  | -            |

The test objects of T.1~T.5 and T.7 are battery packs, and the sample numbers are b1#~b4#, b5#~b8#  
T.1~T.5、T.7 的测试对象为电池组, 样品编号为 b1#~b4#, b5#~b8#。

The test objects of T.6 and T.8 are component cells, and the sample numbers are c1#~c30#

T.6、T.8 的测试对象为组成电芯, 样品编号为 c1#~c30#。

Description of the sampling procedure: 取样程序的说明: /

Description of the deviation from the standard, if any: 试验结果不符合标准项的说明: /

Remarks:

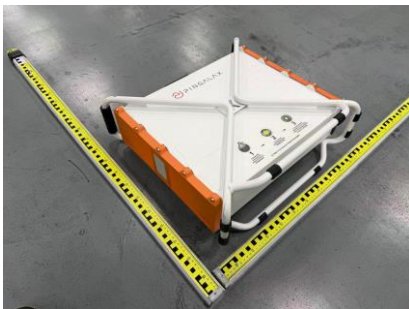
备注:

Throughout this report a comma is used as the decimal separator.

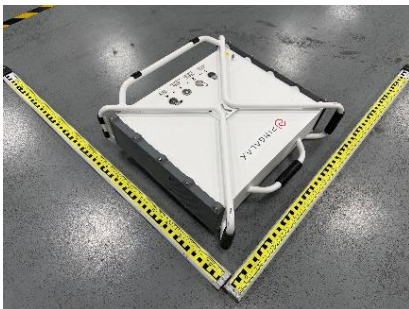
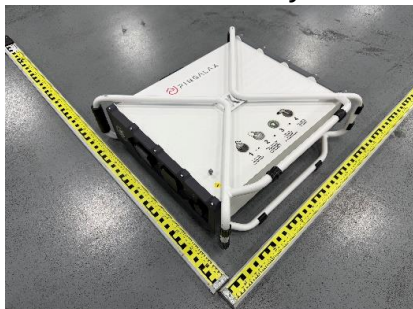
本报告中以逗号代替小数点。

## Photos of Samples and Labels/样品照片及标识

Battery/电池 (PHS3600P-AU-O 72V\*8 4Ah\*8 2304Wh)



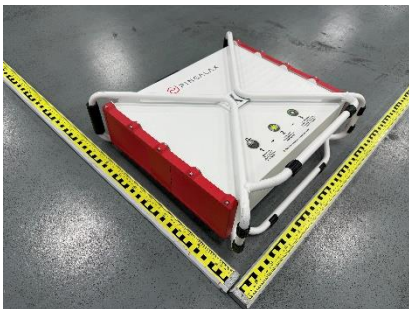
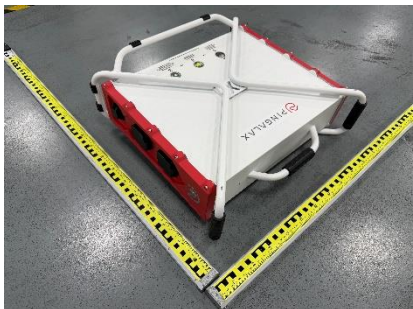
Battery/电池 (PHS3600P-AU-B 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-AU-G 72V\*8 4Ah\*8 2304Wh)

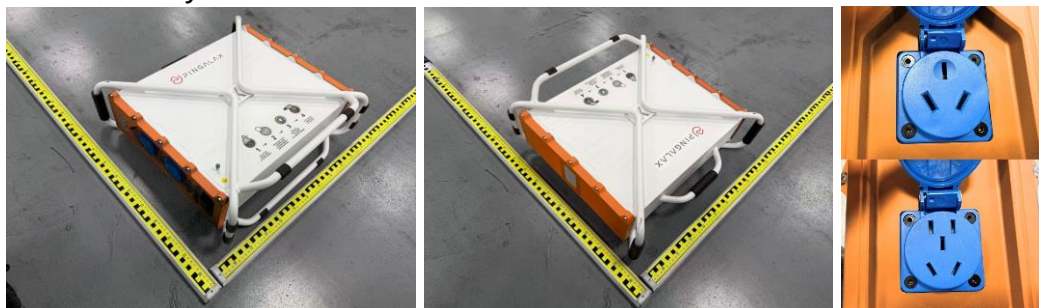


Battery/电池 (PHS3600P-AU-R 72V\*8 4Ah\*8 2304Wh)

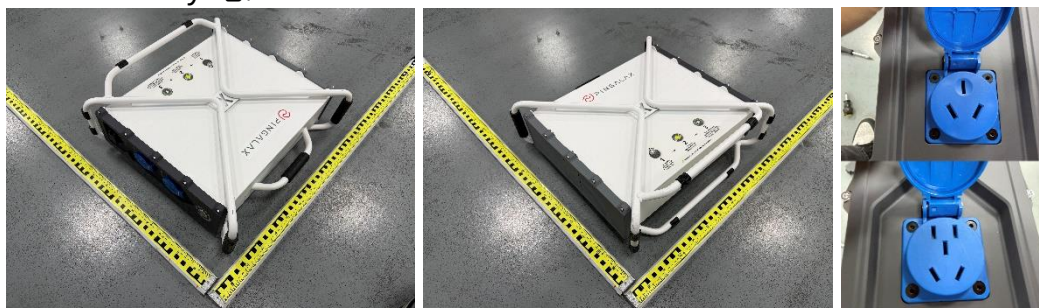


## Photos of Samples and Labels/样品照片及标识

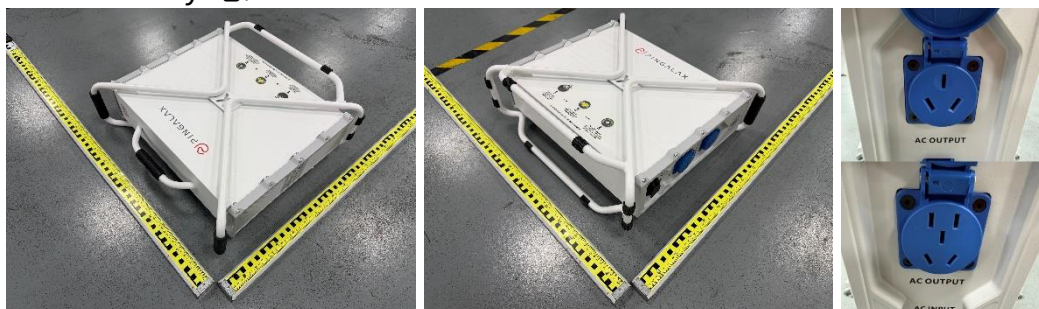
Battery/电池 (PHS3600P-CN-O 72V\*8 4Ah\*8 2304Wh)



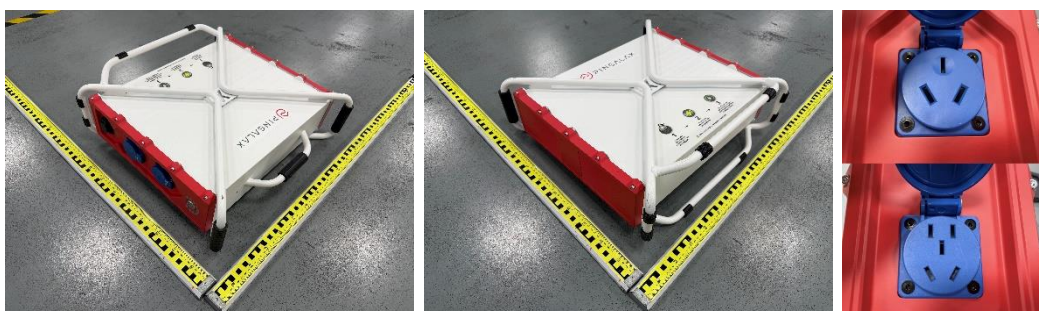
Battery/电池 (PHS3600P-CN-B 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-CN-G 72V\*8 4Ah\*8 2304Wh)

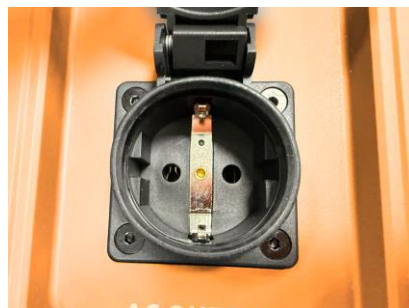


Battery/电池 (PHS3600P-CN-R 72V\*8 4Ah\*8 2304Wh)

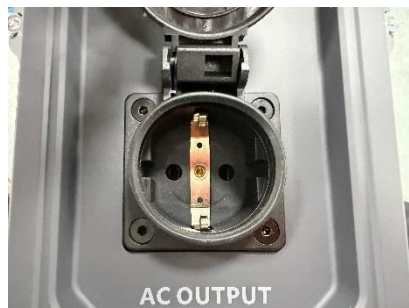
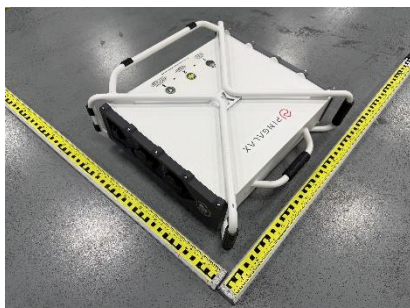
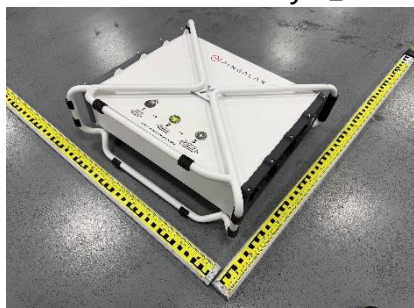


## Photos of Samples and Labels/样品照片及标识

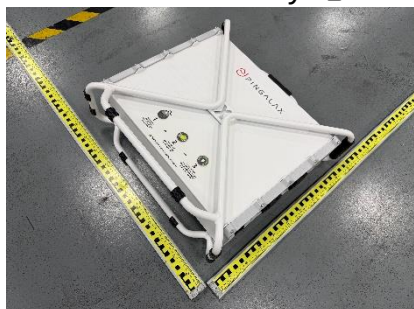
Battery/电池 (PHS3600P-EU-O 72V\*8 4Ah\*8 2304Wh)



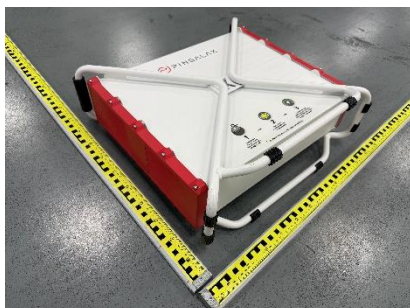
Battery/电池 (PHS3600P-EU-B 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-EU-G 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-EU-R 72V\*8 4Ah\*8 2304Wh)

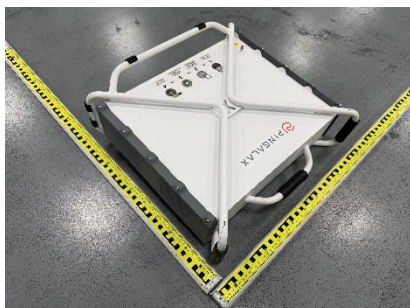
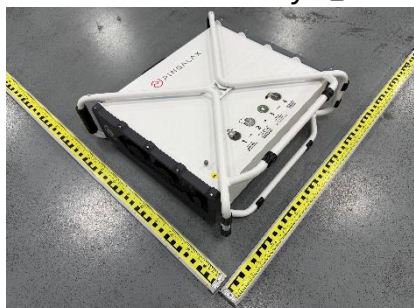


## Photos of Samples and Labels/样品照片及标识

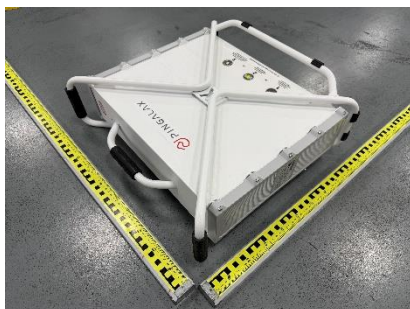
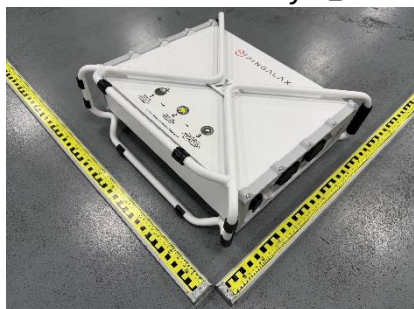
Battery/电池 (PHS3600P-FR-O 72V\*8 4Ah\*8 2304Wh)



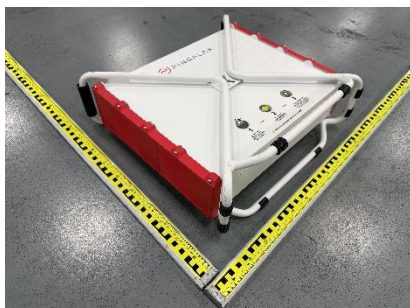
Battery/电池 (PHS3600P-FR-B 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-FR-G 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-FR-R 72V\*8 4Ah\*8 2304Wh)

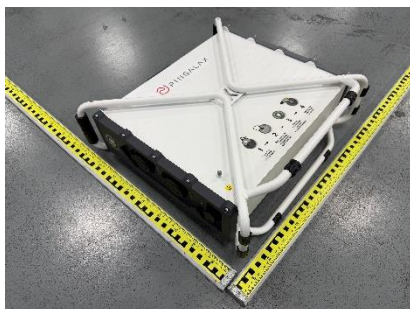
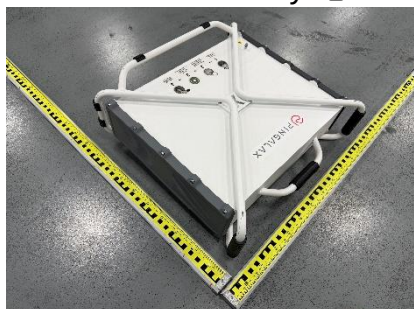


## Photos of Samples and Labels/样品照片及标识

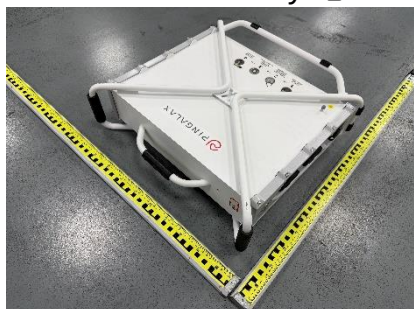
Battery/电池 (PHS3600P-UK-O 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-UK-B 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-UK-G 72V\*8 4Ah\*8 2304Wh)



Battery/电池 (PHS3600P-UK-R 72V\*8 4Ah\*8 2304Wh)

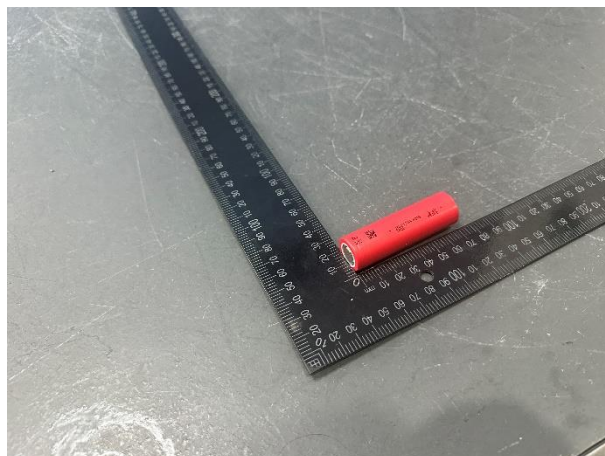
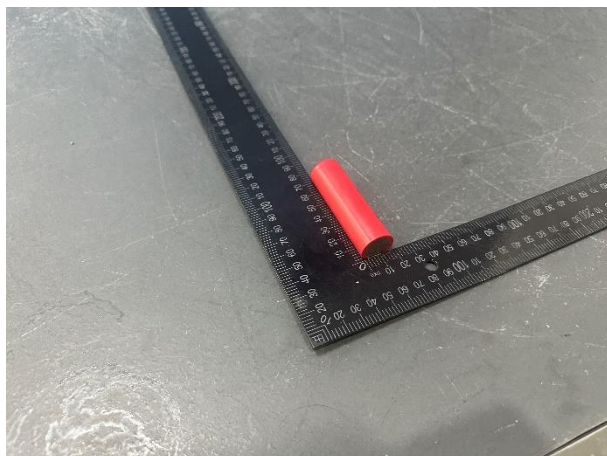


## Product Lables 产品铭牌

LT3-R-1569-UN38.3-A0

## Photos of Samples and Labels/样品照片及标识

Component Cell/内部电芯 (INR21700-40TG 3,6V 4Ah 14,4Wh )





| ST/SG/AC.10/11/Rev.8/ Section 38.3 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                       |               |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Clause<br>章节                       | Requirements<br>标准要求                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Result<br>测试结果                                                                                                                                                                        | Verdict<br>判定 |
| 38.3.4.3                           | <b>Test T.3: Vibration/试验 T.3: 振动</b><br><p>1 Cells and batteries are firmly secured to the platform of the vibration machine /电芯和电池牢固地安装在振动台（的台面）上</p> <p>2 The vibration: a sinusoidal waveform with a logarithmic sweep between 7Hz and 200Hz and back to 7Hz traversed in 15 minutes/振动以正弦波形式，以 7Hz 增加至 200Hz，然后在减少回到 7Hz 为一个循环，一个循环持续 15 分钟的对数前移传送。</p> <p>3 For cells and small batteries: from 7 Hz a peak acceleration of <math>1g_n</math> is maintained until 18Hz is reached. The amplitude is then maintained at 0,8mm (1,6mm total excursion) and the frequency increased until a peak acceleration of <math>8g_n</math> occurs (approximately 50Hz). A peak acceleration of <math>8g_n</math> is then maintained until the frequency is increased to 200Hz. / 对于电芯和小型电池：从 7Hz 开始，以 <math>1g_n</math> 的峰值加速度保持不变，直到达到 18Hz。然后将振幅保持在 0,8mm（总偏移 1,6mm）并且频率增加直到出现 <math>8g_n</math> 的峰值加速度（大约 50Hz）。然后保持 <math>8g_n</math> 的峰值加速度，直到频率增加到 200Hz。</p> <p>For large batteries: from 7Hz a peak acceleration of <math>1g_n</math> is maintained until 18Hz is reached. The amplitude is then maintained at 0,8mm (1,6mm total excursion) and the frequency increased until a peak acceleration of <math>2g_n</math> occurs (approximately 25Hz). A peak acceleration of <math>2g_n</math> is then maintained until the frequency is increased to 200Hz. / 对于大型电池：从 7Hz 开始，以 <math>1g_n</math> 的峰值加速度保持不变，直到达到 18Hz。然后将振幅保持在 0,8mm（总偏移 1,6mm）并且频率增加直到出现 <math>2g_n</math> 的峰值加速度（大约 25Hz）。然后保持 <math>2g_n</math> 的峰值加速度，直到频率增加到 200Hz。</p> <p>4 This cycle repeated 12 times for a total of 3 hours for each of three mutually perpendicular mounting position of the cell. One of the directions of vibration must be perpendicular to the terminal face. /以振动的其中一个方向必须是垂直样品极性，对每个电芯从三个互相垂直的方向上循环 12 次，每个方向 3 个小时，共 9 小时。</p> |                                                                                                                                                                                       | P             |
|                                    | <b>Requirements/标准要求</b><br><p>1 Cells and batteries Mass loss limit: <math>\leq 0,1\%</math> /样品质量损失<math>\leq 0,1\%</math></p> <p>2 Open circuit voltage not less than 90%, The requirement relating to voltage is not applicable to test cells and batteries at full discharged states.<br/>样品试验后开路电压应不低于试验前开路电压的 90 % ,此要求不适用于完全放完电的电池和电芯。</p> <p>3 No leakage, no venting, no disassembly, no rupture and no fire<br/>样品（电池）应无漏液、无排气、无解体、无破裂以及无着火现象的发生</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <p>The samples b1#~b4#:<br/>No leakage, no venting, no disassembly, no rupture and no fire/编号为 b1#~b4#的样品：无漏液、无排气、无解体、无破裂以及无着火现象</p> <p>The data is shown in Table 1./<br/>数据见表 1</p> |               |
|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                       |               |









| Table1: T1~T5 / 表 1. 试验 1~试验 5 |                                |                                                   |                                                |                                    |                                         |                                    |                                    |                                    |                                |                                    |                                                  |
|--------------------------------|--------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------|-----------------------------------------|------------------------------------|------------------------------------|------------------------------------|--------------------------------|------------------------------------|--------------------------------------------------|
| Sample No.<br>样品号              | Mass prior to test / 试验前质量(kg) | Internal battery OCV prior to test / 内部电池试验前电压(V) | Test T.1: Altitude simulation/<br>试验 T.1: 高度模拟 |                                    | Test T.2: Thermal test/<br>试验 T.2: 温度试验 |                                    | Test T.3: Vibration/<br>试验 T.3: 振动 |                                    | Test T.4: Shock/<br>试验 T.4: 冲击 |                                    | Test T.5: External Short Circuit/<br>试验 T.5 外部短路 |
|                                |                                |                                                   | Mass Loss(%)<br>质量损失(%)                        | OCV Retention Ratio(%)<br>电压保留比(%) | Mass Loss(%)<br>质量损失(%)                 | OCV Retention Ratio(%)<br>电压保留比(%) | Mass Loss(%)<br>质量损失(%)            | OCV Retention Ratio(%)<br>电压保留比(%) | Mass Loss(%)<br>质量损失(%)        | OCV Retention Ratio(%)<br>电压保留比(%) | Temp. (°C)<br>温度 (°C)                            |
| b1#                            | 23,82                          | 82,95                                             | 0,000                                          | 99,99                              | 0,000                                   | 99,19                              | 0,000                              | 99,89                              | 0,000                          | 100,00                             | 57,8                                             |
|                                |                                | 82,93                                             |                                                | 99,99                              |                                         | 99,23                              |                                    | 99,87                              |                                | 100,00                             |                                                  |
|                                |                                | 82,94                                             |                                                | 99,99                              |                                         | 99,22                              |                                    | 99,88                              |                                | 100,00                             |                                                  |
|                                |                                | 82,93                                             |                                                | 99,99                              |                                         | 99,22                              |                                    | 99,90                              |                                | 100,00                             |                                                  |
|                                |                                | 82,95                                             |                                                | 99,99                              |                                         | 99,22                              |                                    | 99,85                              |                                | 100,00                             |                                                  |
|                                |                                | 82,96                                             |                                                | 99,99                              |                                         | 99,17                              |                                    | 99,90                              |                                | 100,00                             |                                                  |
|                                |                                | 82,95                                             |                                                | 99,99                              |                                         | 99,18                              |                                    | 99,90                              |                                | 100,00                             |                                                  |
|                                |                                | 82,94                                             |                                                | 99,99                              |                                         | 99,22                              |                                    | 99,88                              |                                | 100,00                             |                                                  |
| b2#                            | 23,81                          | 83,06                                             | 0,000                                          | 99,99                              | 0,000                                   | 99,07                              | 0,000                              | 99,89                              | 0,000                          | 100,00                             | 57,4                                             |
|                                |                                | 83,05                                             |                                                | 99,99                              |                                         | 99,10                              |                                    | 99,88                              |                                | 100,00                             |                                                  |
|                                |                                | 83,06                                             |                                                | 99,99                              |                                         | 99,08                              |                                    | 99,87                              |                                | 100,00                             |                                                  |
|                                |                                | 83,04                                             |                                                | 99,99                              |                                         | 99,07                              |                                    | 99,91                              |                                | 100,00                             |                                                  |
|                                |                                | 83,06                                             |                                                | 99,99                              |                                         | 99,07                              |                                    | 99,88                              |                                | 100,00                             |                                                  |
|                                |                                | 83,07                                             |                                                | 99,99                              |                                         | 99,06                              |                                    | 99,87                              |                                | 100,00                             |                                                  |
|                                |                                | 83,08                                             |                                                | 99,99                              |                                         | 99,05                              |                                    | 99,89                              |                                | 100,00                             |                                                  |
|                                |                                | 83,04                                             |                                                | 99,99                              |                                         | 99,08                              |                                    | 99,91                              |                                | 100,00                             |                                                  |
| b3#                            | 23,82                          | 83,02                                             | 0,000                                          | 100,00                             | 0,000                                   | 99,12                              | 0,000                              | 99,88                              | 0,000                          | 100,00                             | 57,2                                             |
|                                |                                | 83,03                                             |                                                | 99,99                              |                                         | 99,13                              |                                    | 99,85                              |                                | 100,00                             |                                                  |
|                                |                                | 83,04                                             |                                                | 100,00                             |                                         | 99,11                              |                                    | 99,85                              |                                | 100,00                             |                                                  |
|                                |                                | 83,03                                             |                                                | 100,00                             |                                         | 99,11                              |                                    | 99,85                              |                                | 100,00                             |                                                  |
|                                |                                | 83,02                                             |                                                | 100,00                             |                                         | 99,14                              |                                    | 99,84                              |                                | 100,00                             |                                                  |
|                                |                                | 83,03                                             |                                                | 100,00                             |                                         | 99,13                              |                                    | 99,85                              |                                | 100,00                             |                                                  |
|                                |                                | 83,02                                             |                                                | 100,00                             |                                         | 99,13                              |                                    | 99,85                              |                                | 100,00                             |                                                  |
|                                |                                | 83,04                                             |                                                | 100,00                             |                                         | 99,11                              |                                    | 99,87                              |                                | 100,00                             |                                                  |
| b4#                            | 23,81                          | 82,99                                             | 0,000                                          | 99,99                              | 0,000                                   | 99,19                              | 0,000                              | 99,83                              | 0,000                          | 100,00                             | 57,2                                             |
|                                |                                | 82,98                                             |                                                | 99,99                              |                                         | 99,19                              |                                    | 99,84                              |                                | 100,00                             |                                                  |
|                                |                                | 82,97                                             |                                                | 100,00                             |                                         | 99,20                              |                                    | 99,84                              |                                | 100,00                             |                                                  |

|  |  |       |  |        |  |       |  |       |  |        |  |
|--|--|-------|--|--------|--|-------|--|-------|--|--------|--|
|  |  | 82,99 |  | 99,99  |  | 99,20 |  | 99,83 |  | 100,00 |  |
|  |  | 82,97 |  | 100,00 |  | 99,20 |  | 99,84 |  | 100,00 |  |
|  |  | 82,98 |  | 100,00 |  | 99,18 |  | 99,84 |  | 100,00 |  |
|  |  | 82,98 |  | 100,00 |  | 99,17 |  | 99,85 |  | 100,00 |  |
|  |  | 82,99 |  | 100,00 |  | 99,17 |  | 99,85 |  | 100,00 |  |

| Table2: Impact / 表 2: 撞击                               |                                  |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Test T.6:</b><br><b>Impact/试验</b><br><b>T.6: 撞击</b> | Sample No.<br>样品号                | c1#   | c2#   | c3#   | c4#   | c5#   | c6#   | c7#   | c8#   | c9#   | c10#  |
|                                                        | OCV prior to test /<br>试验前电压 (V) | 3,730 | 3,731 | 3,731 | 3,731 | 3,730 | 3,732 | 3,731 | 3,732 | 3,730 | 3,733 |
|                                                        | Temp. (°C)<br>温度 (°C)            | 26,2  | 26,3  | 26,5  | 26,4  | 26,5  | 26,8  | 26,2  | 26,1  | 28,8  | 27,4  |

| Table3: Overcharge Test of batteries/ 表 3 过度充电                            |                                                              |       |       |       |       |
|---------------------------------------------------------------------------|--------------------------------------------------------------|-------|-------|-------|-------|
| <b>Test T.7:</b><br><b>Overcharge /</b><br><b>试验 T.7: 过度</b><br><b>充电</b> | Sample No.<br>样品号                                            | b5#   | b6#   | b7#   | b8#   |
|                                                                           | Internal battery<br>OCV prior to test /<br>内部电池试验前电<br>压 (V) | 82,18 | 82,20 | 82,21 | 82,21 |
|                                                                           |                                                              | 82,19 | 82,21 | 82,20 | 82,18 |
|                                                                           |                                                              | 82,20 | 82,19 | 82,21 | 82,21 |
|                                                                           |                                                              | 82,20 | 82,21 | 82,21 | 82,21 |
|                                                                           |                                                              | 82,19 | 82,20 | 82,19 | 82,20 |
|                                                                           |                                                              | 82,18 | 82,20 | 82,19 | 82,20 |
|                                                                           |                                                              | 82,19 | 82,21 | 82,21 | 82,20 |
|                                                                           |                                                              | 82,80 | 82,20 | 82,21 | 82,21 |

| Table 4: Forced discharge / 表 4. 强制放电                                                    |                                 |       |       |       |       |       |       |       |       |       |       |
|------------------------------------------------------------------------------------------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| <b>Test T.8:</b><br><b>Forced</b><br><b>discharge /</b><br><b>试验 T.8:</b><br><b>强制放电</b> | Sample No.<br>样品号               | c11#  | c12#  | c13#  | c14#  | c15#  | c16#  | c17#  | c18#  | c19#  | c20#  |
|                                                                                          | OCV prior to test<br>/ 试验前电压(V) | 2,826 | 2,830 | 2,828 | 2,827 | 2,826 | 2,830 | 2,831 | 2,825 | 2,826 | 2,828 |
|                                                                                          | Sample No.<br>样品号               | c21#  | c22#  | c23#  | c24#  | c25#  | c26#  | c27#  | c28#  | c29#  | c30#  |
|                                                                                          | OCV prior to test /<br>试验前电压(V) | 2,827 | 2,830 | 2,828 | 2,827 | 2,825 | 2,826 | 2,825 | 2,827 | 2,828 | 2,830 |

## 注 意 事 项

### Important

1. 报告无检测单位盖章无效;  
The test report is invalid without the stamp of Lab.;
2. 未经本试验室书面同意, 不得部分地复制本报告;  
Any part photocopies of the test report are forbidden without the written permission from Lab.;
3. 报告无检测、审核、批准人签名无效;  
The test report is invalid without the signatures of tester, reviewer and approver;
4. 报告涂改无效;  
The test report is invalid if altered;
5. 对检测报告若有异议, 请于收到报告之日起十五天内向检测单位提出;  
Objections to the test report must be submitted to Lab. within 15 days;
6. 一般情况, 委托检测结果适用于收到的样品。样品信息由客户提供, 实验室对此真实性不承担责任;  
Generally, commission test results apply to the samples as received. The sample information is provided by the customer and the laboratory is not responsible for its authenticity;
7. 检测结果中“—”或“N”表示“不适用”, “/”表示“未检测”, “P”表示“通过”或“合格”, “F”表示“不通过”或“不合格”。  
As for the test result “—” or “N” means “not applicable”, “/” means “not testing”, “P” means “pass” and “F” means “fail”.

**\*\*报告中未加CMA标志时, 检测数据和结果仅供科研、教学或内部质量控制之用。\*\***  
*The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.*

地 址: 中国 浙江省嘉兴市南湖区嘉兴总部商务花园 3 号楼

测试地址: 中国 嘉兴市南湖区大桥镇顺泽路 1515 号 4 号楼北楼

Address: Building 3, Jiaxing Advanced Business Park, Nanhu District, Jiaxing, Zhejiang, China

Lab address: North of Building 4, No. 1515 Shunze Road, Daqiao Town, Nanhu District, Jiaxing, Zhejiang, China

电 话(Tel): 0573 82586881

邮政编码(Post Code): 314000

传 真(FAX): 0573 82586875

E-mail: jxzkb@cvc.org.cn