

## UN 38.3 Lithium Battery Test Summary

### Cell, Battery or Product Model Number

Item Number:

Item Name: Li-ion Battery AHB651935HPJ 3.8V 450mAh 1.8Wh

### Cell, battery, or product manufacturer's contact information

Name: Kunshan SYNergy ScienTech Co.,Ltd

Address: No.688, Nanhe Road, Economic&amp;Technical Development Zone, Kunshan, Jiangsu

City: KunShan

State: Jiangsu

ZIP: 215300

Country: China

Telephone: +86-512-57710688

E-mail: hmsong@synst.com.cn

Website: http://www.synst.com.cn

### Test Laboratory

Name: The laboratory for UN38.3 of Kunshan SYNergy ScienTech Co.,Ltd

Address: 688# Nanhe Road Kunshan

City: KunShan

State: Jiangsu

ZIP: 215300

Country: China

Telephone: +86-0512-57710688-3411

E-mail: alice@synst.com.cn

Website: http://www.synst.com.cn

### Cell or Battery Description

Cell or Battery: **Battery**

Physical Description (dimensions, appearance):

Cell or Battery Type: AHB651935HPJ

Watt-hour rating or Lithium Content: 1.8Wh

Completed Cell or Battery Weight: Approx. 8.7g

**Silvery aluminum-plastics shell**

Unique Test Report ID Number: UN18122401

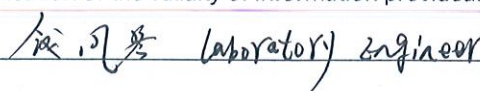
Date of test report: 2018-12-25~2019-01-23

#### List of Tests Completed:

| Yes | No |                                  | Pass | Fail | Additional Comments (or indicate compliance with other standards, e.g., Underwriters Laboratory): |
|-----|----|----------------------------------|------|------|---------------------------------------------------------------------------------------------------|
| Yes |    | Test T.1: Altitude simulation    | Pass |      | <b>Not Applicable</b>                                                                             |
| Yes |    | Test T.2: Thermal test           | Pass |      |                                                                                                   |
| Yes |    | Test T.3: Vibration              | Pass |      |                                                                                                   |
| Yes |    | Test T.4: Shock                  | Pass |      | <b>Not Applicable</b>                                                                             |
| Yes |    | Test T.5: External short circuit | Pass |      |                                                                                                   |
| Yes |    | Test T.6: Impact/Crush           | Pass |      |                                                                                                   |
| Yes |    | Test T.7: Overcharge             | Pass |      | <b>Sixth Edition</b>                                                                              |
| Yes |    | Test T.8: Forced discharge       | Pass |      |                                                                                                   |

Signature with name and title of signatory as an indication of the validity of information provided:

Date:



2019-11-7



| Test Summary<br>测试汇总 |                                                                    |                                                                                                                                                                                                                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (a)                  | Product manufacturer<br>产品制造商                                      | Huizhou Everpower Technology Co., Ltd.<br>惠州市恒泰科技股份有限公司                                                                                                                                                                                                                                                                                                |
| (b)                  | Contact information of manufacturer<br>制造商联系信息                     | Address: NO.2 Building, NO.55 District, Zhongkai Hi-Tech Zone, Huizhou City, Guangdong Province, P.R.China<br>地址: 惠州市仲恺高新区55号区厂房2<br>Phone number 电话号码: +86 15013991935<br>Email 电子邮件: lulm@htkjbattery.com<br>Website 网址: None                                                                                                                        |
| (c)                  | Information of test laboratory<br>测试实验室信息                          | Shenzhen NTEK Testing Technology Co., Ltd.<br>深圳市北测检测技术有限公司<br>Address: 1/F, Building C, Fenda Science Park, Sanwei Community, Xixiang Street, Bao'an District, Shenzhen 518126 P.R. China<br>地址: 深圳市宝安区西乡三围奋达科技园 C 栋 1 楼<br>Tel 电话: +86-755-6115 6588 Fax 传真: +86-755-6115 6599<br>E-mail 邮箱: Kevin@ntek.org.cn<br>Website 网址: http://www.ntek.org.cn |
| (d)                  | Report Ref. No. 报告编号                                               | S19051703101001-R1                                                                                                                                                                                                                                                                                                                                     |
| (e)                  | Date of issue 签发日期                                                 | 2019-12-06                                                                                                                                                                                                                                                                                                                                             |
| (f)                  | Description of product<br>产品描述                                     | Name 名称: Rechargeable Li-ion Battery 可充电锂离子电池<br>Model 型号: PL661935V<br>Rating 额定: 3.8V 450mAh 1.71Wh<br>Mass 质量: 8g<br>Appearance 外观: Silvery and Prismatic 银色、棱柱形                                                                                                                                                                                    |
| (g)                  | Test items and results<br>测试项目及结果                                  | Test T.1-Altitude simulation / 高度模拟 Pass 合格<br>Test T.2-Thermal Test / 温度试验 Pass 合格<br>Test T.3-Vibration / 振动 Pass 合格<br>Test T.4-Shock / 冲击 Pass 合格<br>Test T.5-External short circuit / 外部短路 Pass 合格<br>Test T.6- Crush / 挤压 Pass 合格<br>Test T.7-Overcharge / 过度充电 Pass 合格<br>Test T.8-Forced discharge / 强制放电 Pass 合格                              |
| (h)                  | Assembled battery testing requirements<br>组装电池组测试要求                | Not applicable 不适用                                                                                                                                                                                                                                                                                                                                     |
| (i)                  | Revised edition of the Manual of Tests and Criteria<br>试验和标准手册修订版本 | Rev.6/Amend.1<br>第六修订版修正 1                                                                                                                                                                                                                                                                                                                             |
| (j)                  | Name and title<br>姓名和职位                                            | Lamei Lu/Certified engineer<br>卢腊梅/认证工程师                                                                                                                                                                                                                                                                                                               |