

## Lithium Cell or Battery Test Summary

| <b>Sample information</b><br>样品信息: |                                   |  |                                  |
|------------------------------------|-----------------------------------|--|----------------------------------|
| Name of sample<br>样品名称             | Li-ion Battery<br>锂离子电池           |  |                                  |
| Model<br>型号                        | TSWB-LYP130AHA                    | Parameters<br>规格参数   | 3.3V 130Ah 429Wh                 |
| Appearance<br>外观                   | Almost cuboid, Yellow<br>近长方体, 黄色 | Mass<br>质量   | 5.0kg                            |
| Battery type<br>电池类型               | Lithium Ion Cell<br>锂离子电池         | Size<br>尺寸   | 360mm×177mm×55mm<br>(L×W×T)      |
| Client<br>委托单位                     | Name<br>名称                        | Oriental Smart Lion New Power Battery Limited<br>东方醒狮新动力电池有限公司   |                                  |
|                                    | Address<br>地址                     | Xingtai industrial Park, Changtai economic development Zone,<br>Zhangzhou City, Fujian Province<br>福建省漳州市长泰经济开发区兴泰工业园区 |                                  |
| Manufacturer<br>生产单位               | Name<br>名称                        | Oriental Smart Lion New Power Battery Limited<br>东方醒狮新动力电池有限公司   |                                  |
|                                    | Address<br>地址                     | Xingtai industrial Park, Changtai economic development Zone,<br>Zhangzhou City, Fujian Province<br>福建省漳州市长泰经济开发区兴泰工业园区 |                                  |
|                                    | Tel.<br>电话                        | 0596-8186789   | E-mail<br>邮箱<br>592073509@qq.com |
|                                    | Website<br>网址                     | http://www.thundersky-winston.com  |                                  |

| <b>Test lab. information</b><br>测试实验室信息: |               |  |                                     |
|--|---------------|--|-------------------------------------|
| Test lab.<br>测试实验室                       | Name<br>名称    | Shenzhen Anbotek Compliance Laboratory Limited<br>深圳安博检测股份有限公司   |                                     |
|  | Address<br>地址 | East of 4/F., Building A, Hourui No.3 Industrial Zone, Xixiang Street,<br>Bao'an District, Shenzhen, Guangdong, China<br>广东省深圳市宝安区西乡街道后瑞第三工业区 A 栋四楼东 |                                     |
|  | Tel.<br>电话    | (86)755-26066081   | E-mail<br>邮箱<br>service@anbotek.com |
|  | Website<br>网址 | www.anbotek.com  |                                     |

**Test Center of National Engineering Research Center of Advanced Energy Storage Materials Co., Ltd.**

Address: No.B102, 1/F., Lankun Group Building B, No.29, Baoshi Road, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China

Tel: 86-755-22678313      Fax: (86)755-22678299      Email: service@cescert.com      http://www.cescert.com

| Test report information<br>测试报告信息:   |  |                         |            |
|--------------------------------------|--|-------------------------|------------|
| Test report<br>测试报告                  | SZABB180309005-17  |                         |            |
| Testing Date<br>测试日期                 | 2017-05-25~2017-06-15  | Completing Date<br>完成日期 | 2018-03-14 |
| Tested standard<br>测试标准              | Section 38.3 of sixth Revised Edition of the "Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria" (ST/SG/AC.10/11/Rev.6/ Section 38.3)<br>《关于危险品货物运输的建议书 试验和标准手册》第六修订版第38.3节 |                         |            |
| Test item and conclusion<br>测试项目及结论: |  |                         |            |
| Clause 标准条款                          | Test item 测试项目   | Conclusion 结论           |            |
| 38.3.3 (f)                           | Small battery assemblies小型集成锂电池  | Not applicable不适用       |            |
| 38.3.3 (g)                           | Large battery assemblies大型集成锂电池  | Not applicable不适用       |            |
| 38.3.4.1                             | T.1 Altitude simulation高度模拟  | Pass通过                  |            |
| 38.3.4.2                             | T.2 Thermal test温度试验   | Pass通过                  |            |
| 38.3.4.3                             | T.3 Vibration振动  | Pass通过                  |            |
| 38.3.4.4                             | T.4 Shock加速度冲击   | Pass通过                  |            |
| 38.3.4.5                             | T.5 External Short Circuit外部短路   | Pass通过                  |            |
| 38.3.4.6                             | T.6 <input type="checkbox"/> Impact撞击/ <input checked="" type="checkbox"/> Crush挤压   | Pass通过                  |            |
| 38.3.4.7                             | T.7 Overcharge过充电  | Not applicable不适用       |            |
| 38.3.4.8                             | T.8 Forced discharge强制放电   | Pass通过                  |            |

|  |   |                    |            |
|--|---|--------------------|------------|
| Approved by<br>批准  |  | Issue date<br>签发日期 | 2019-12-24 |
| 陈其平 Cherry Chen:..... 技术负责人 Technical Manager<br>廖宇平 Richie Liao:..... 质量负责人 Quality Manager |   |                    |            |


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