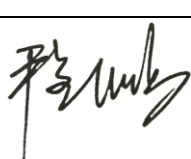


## UN38.3 试验概要

### UN38.3 Test Summary

| 单位信息 Company information    |                                                                                                                                                                                           |                                 |                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|
| 委托方<br>Client               | 广州明美新能源股份有限公司<br>TWS Technology(Guangzhou) Limited                                                                                                                                        |                                 |                                                                                       |
| 地址<br>Address               | 广州高新技术产业开发区科学城南云三路 39 号(1)栋首层、二层、三层<br>Floor 1/2/3, Building(1), No. 39, Nanyunsan Road, Science Park, Guangzhou<br>Hi-Tech Industrial Development Zone, Guangzhou, Guangdong, P.R. China |                                 |                                                                                       |
| 联系方式<br>Contact information | +86-020-22215111                                                                                                                                                                          | Li.Jun@tws.com                  | www.tws.com                                                                           |
| 制造商<br>Manufacturer         | 广州明美新能源股份有限公司<br>TWS Technology(Guangzhou) Limited                                                                                                                                        |                                 |                                                                                       |
| 地址<br>Address               | 广州高新技术产业开发区科学城南云三路 39 号(1)栋首层、二层、三层<br>Floor 1/2/3, Building(1), No. 39, Nanyunsan Road, Science Park, Guangzhou<br>Hi-Tech Industrial Development Zone, Guangzhou, Guangdong, P.R. China |                                 |                                                                                       |
| 联系方式<br>Contact information | +86-020-22215111                                                                                                                                                                          | Li.Jun@tws.com                  | www.tws.com                                                                           |
| 生产厂<br>Factory              | 广州明美新能源股份有限公司<br>TWS Technology(Guangzhou) Limited                                                                                                                                        |                                 |                                                                                       |
| 地址<br>Address               | 广州高新技术产业开发区科学城南云三路 39 号(1)栋首层、二层、三层<br>Floor 1/2/3, Building(1), No. 39, Nanyunsan Road, Science Park, Guangzhou<br>Hi-Tech Industrial Development Zone, Guangzhou, Guangdong, P.R. China |                                 |                                                                                       |
| 联系方式<br>Contact information | +86-020-22215111                                                                                                                                                                          | Li.Jun@tws.com                  | www.tws.com                                                                           |
| 测试实验室<br>Test laboratory    | 深圳诚测检测技术有限公司<br>Shenzhen CCJC Technology Co., Ltd.                                                                                                                                        |                                 |                                                                                       |
| 地址<br>Address               | 广东省深圳市宝安区沙井街道后亭社区第三工业区新宝益工贸大厦 B 幢 1 楼 A 座<br>1/F., Building B, Xinbaoyi Industry and Trade Building, Houting, Shajing, Bao'an<br>District, Shenzhen, Guangdong, China                     |                                 |                                                                                       |
| 联系方式<br>Contact information | +86-755-23707853                                                                                                                                                                          | lab@ccjctek.com                 | www.ccjctek.com                                                                       |
| 电池信息 Battery information    |                                                                                                                                                                                           |                                 |                                                                                       |
| 名称<br>Name                  | 可充电锂离子电池<br>RECHARGEABLE LI-ION<br>BATTERY                                                                                                                                                | 商标<br>Brand                     |  |
| 型号<br>Model                 | BT-000433                                                                                                                                                                                 | 原始测试型号<br>Original tested model | BT-000443                                                                             |
| 标称电压<br>Nominal voltage     | 7.7V                                                                                                                                                                                      | 容量<br>Rated Capacity            | 5100mAh, 39.27Wh                                                                      |
| 描述<br>Description           | 锂离子电池组<br>Li-ion Battery                                                                                                                                                                  | 锂含量<br>Lithium Content          | /                                                                                     |
| 质量<br>Mass                  | 175g                                                                                                                                                                                      | 外观<br>Appearance                | 黑色近长方体电池<br>Black almost cuboid<br>battery                                            |

| 测试信息 Test information                       |                                                                                                                                                                                                                                                                     |                            |                                |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------|
| 原 UN38.3 报告编号<br>Original UN38.3 report No. | CCJC2020A443801                                                                                                                                                                                                                                                     | 测试报告日期<br>Test report date | 2021-01-15                     |
| UN38.3 报告编号<br>UN38.3 report No.            | CCJC2021A167101                                                                                                                                                                                                                                                     | 报告日期<br>report date        | 2021-03-05                     |
| 测试标准<br>Test criteria                       | 联合国《关于危险货物运输的建议书 试验和标准手册》<br>ST/SG/AC.10/11/Rev.6/Amend.1 38.3<br>UNITED NATIONS "Recommendations in the TRANSPORT OF DANGEROUS GOODS" Manual of Tests and Criteria<br>ST/SG/AC.10/11/Rev.6/Amend.1 38.3                                                            |                            |                                |
| T.1 高度模拟<br>T.1 Altitude simulation         |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| T.2 温度测试<br>T.2 Thermal test                |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| T.3 振动<br>T.3 Vibration                     |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| T.4 冲击<br>T.4 Shock                         |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| T.5 外部短路<br>T.5 External short circuit      |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| T.6 挤压<br>T.6 Crush                         |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| T.7 过度充电<br>T.7 Overcharge                  |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| T.8 强制放电<br>T.8 Forced discharge            |                                                                                                                                                                                                                                                                     | 合格 Pass                    |                                |
| 38.3.3(f)                                   |                                                                                                                                                                                                                                                                     | /                          |                                |
| 38.3.3(g)                                   |                                                                                                                                                                                                                                                                     | /                          |                                |
| 结论<br>Conclusion                            | 经测试, 样品符合联合国《关于危险货物运输的建议书 试验和标准手册》<br>ST/SG/AC.10/11/Rev.6/Amend.1 38.3 标准要求。<br>The sample has passed the test items of UNITED NATIONS<br>"Recommendations in the TRANSPORT OF DANGEROUS GOODS"<br>Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6/Amend.1 38.3. |                            |                                |
| 备注<br>Remark                                | /                                                                                                                                                                                                                                                                   |                            |                                |
| 签名 Signature<br>职务 Title                    | <br>技术负责人 Technical director 程鹏                                                                                                                                                  |                            | 签发日期<br>Issued date 2021-03-05 |