



# UN38.3 试验概要

## UN38.3 Test Summary



812200400360427

### 单位信息 Company information

|                      |                                                                                                                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 委托单位<br>Consignor    | 惠州市德赛电池有限公司 Huizhou Desay Battery Co., Ltd<br>广东省惠州市仲恺高新技术开发区 15 号小区 (厂房) (一照多址) No. 15 Zone,<br>Zhongkai Hi-Tech Development Zone, Huizhou, Guangdong, China<br>0752-2629810 desay_certification@desay.com www.desaybattery.com        |
| 生产单位<br>Manufacturer | 惠州市德赛电池有限公司 Huizhou Desay Battery Co., Ltd<br>广东省惠州市仲恺高新技术开发区 15 号小区 (厂房) (一照多址) No. 15 Zone,<br>Zhongkai Hi-Tech Development Zone, Huizhou, Guangdong, China<br>0752-2629810 desay_certification@desay.com www.desaybattery.com        |
| 测试单位<br>Test lab     | 中国电子技术标准化研究院 China Electronics Standardization Institute<br>北京市东城区安定门东大街 1 号 NO.1, ANDINGMENDONGDAJIE, BEIJING, CHINA<br>010-64102207 wenjuan@cesi.cn <a href="http://www.cesi.cn/page/index.htm">http://www.cesi.cn/page/index.htm</a> |

### 电池信息 Battery information

|                            |                                               |                                |                                             |
|----------------------------|-----------------------------------------------|--------------------------------|---------------------------------------------|
| 名称<br>Name                 | 可充式锂离子电池组<br>Rechargeable Li-ion battery pack | 品牌<br>Brand                    | /                                           |
| 型号<br>Type                 | BRR-2P4S-5200HD                               | 原始测试型号<br>Original tested type | /                                           |
| 标称电压(V)<br>Nominal voltage | 14.4                                          | 容量/能量<br>Capacity/energy       | RAT:4900mAh, 70.56Wh<br>TYP:5200mAh 74.88Wh |
| 描述<br>Description          | 可充电锂离子电池组<br>Rechargeable Li-ion battery      | 锂含量(g)<br>Li content           | /                                           |
| 质量(kg)<br>Mass             | 0.453                                         | 外观<br>Appearance               | 红色塑胶外壳 Red plastics<br>cement shell         |

### 测试信息 Test information

|                                    |                                                                                               |                               |            |
|------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------|------------|
| 原报告编号<br>Original test report No.  | S22-B0840-1                                                                                   | 测试报告日期<br>Date of test report | 2022-10-18 |
| 测试标准<br>Test standard              | 联合国《试验和标准手册》第 38.3 章 UNITED NATIONS Manual of Tests and Criteria 38.3<br>ST/SG/AC.10/11/Rev.7 |                               |            |
| T.1 高度模拟<br>Altitude simulation    | 合格 Passed                                                                                     | T.2 温度测试<br>Thermal test      | 合格 Passed  |
| T.3 振动测试<br>Vibration              | 合格 Passed                                                                                     | T.4 冲击测试<br>Shock             | 合格 Passed  |
| T.5 外部短路<br>External short circuit | 合格 Passed                                                                                     | T.6 撞击<br>Impact              | 合格 Passed  |
| T.7 过度充电<br>Overcharge             | 合格 Passed                                                                                     | T.8 强制放电<br>Forced discharge  | 合格 Passed  |
| 38.3.3 (f)                         | /                                                                                             | 38.3.3 (g)                    | /          |





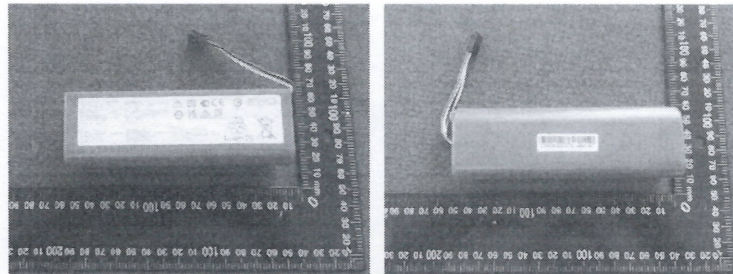


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### 样品图片 Sample Picture



可充式锂离子电池组/可充式锂离子电池组/  
Rechargeable Li-ion battery pack  
产品型号/产品型号/Model: BRR-2P45-5200H  
典型电容量/Typical capacity: 5200mAh/78.88Wh  
额定电压/额定电压/Rated voltage: 3.4V  
额定容量/额定容量/Rated capacity: 4500mAh  
额定能量/额定能量/Rated energy: 70.56Wh  
充电限制电压/充电限制电压/  
Limited charge voltage: 4.2V



|                          |                                                                                                                                                                                     |                     |            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|
| 结论<br>Conclusion         | 测试样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.738.3 标准要求。The tested samples meet the requirements of test items of the UNITED NATIONS Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7 38.3 |                     |            |
| 备注<br>Remark             | /                                                                                                                                                                                   |                     |            |
| 签名 Signature<br>职务 Title | 王寅<br>副总工程师 Vice chief engineer                                                                                                                                                     | 签发日期<br>Issued date | 2022-10-20 |

-验证码:653482-

\*\*\*报告结束\*\*\*