



# UN38.3 试验概要

## UN38.3 Test Summary



| 单位信息 Company information           |                                                                                                                                                                                                                                                                                                                                                                                            |                                |                                             |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------|
| 委托单位<br>Consignor                  | 珠海冠宇电池股份有限公司 Zhuhai CosMX Battery Co.,Ltd.<br>广东省珠海市斗门区井岸镇珠峰大道 209 号 (A 厂房首层南区) (South Zone, First Floor, A Work Factory) No.209, Zhufeng Road, Jing'an Town, Doumen District, Zhuhai City, Guangdong, P.R.China<br>07566321965 zhangyi@cosmx.com www.cosmx.com                                                                                                                            |                                |                                             |
| 生产单位<br>Manufacturer               | 珠海冠宇电源有限公司金湾分公司 Zhuhai CosMX Power JinWan Subsidiary Co., Ltd.<br>珠海市金湾区三灶镇青湾工业区青湾三路 3 号的厂房一、厂房二、厂房三 (一层、四层、五层)、厂房五和宿舍 1 Workshop No.1, No.2, No.3 (first, fourth and fifth floors), No.5 and dormitory 1, No.3 Qingwan three Road, Qingwan Industry Park, Sanzao Town, Jinwan District, Zhuhai City, Guangdong Province, P. R. China<br>13926998360 shuailingling@cosmx.com www.cosmx.com |                                |                                             |
| 测试单位<br>Test lab                   | 珠海冠宇电池股份有限公司 Zhuhai CosMX Battery Co.,Ltd.<br>广东省珠海市斗门区井岸镇珠峰大道 209 号 (A 厂房首层南区) (South Zone, First Floor, A Work Factory) No.209, Zhufeng Road, Jing'an Town, Doumen District, Zhuhai City, Guangdong, P.R.China<br>13750008077 zhangyi@cosmx.com www.cosmx.com                                                                                                                            |                                |                                             |
| 电池信息 Battery information           |                                                                                                                                                                                                                                                                                                                                                                                            |                                |                                             |
| 名称<br>Name                         | 锂离子电池组/二次锂电池组/锂电池/锂离子电池/锂离子电池蓄电 RECHARGEABLE LI-ION BATTERY PACK                                                                                                                                                                                                                                                                                                                           | 品牌<br>Brand                    | /                                           |
| 型号<br>Type                         | GAD-K41                                                                                                                                                                                                                                                                                                                                                                                    | 原始测试型号<br>Original tested type | GAD-K41                                     |
| 标称电压(V)<br>Nominal voltage         | 15.56                                                                                                                                                                                                                                                                                                                                                                                      | 容量/能量<br>Capacity/energy       | 6215mAh/96.71 Wh(Rated)<br>99.20Wh(Typical) |
| 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                     | 0.340                                                                                                                                                                                                                                                                                                                                                                                      | 外观<br>Appearance               | 黑色塑料薄膜外壳 Black plastic film shell           |
| 测试信息 Test information              |                                                                                                                                                                                                                                                                                                                                                                                            |                                |                                             |
| 原报告编号<br>Original test report No.  | RN2023-08-1014                                                                                                                                                                                                                                                                                                                                                                             | 测试报告日期<br>Date of test report  | 2023-08-18                                  |
| 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 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 挤压<br>Crush                | 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)                     | /                                           |







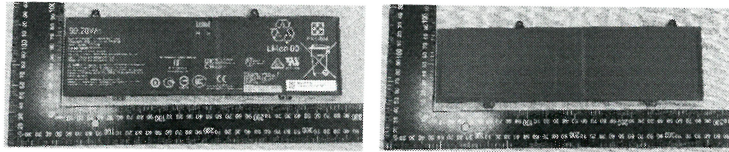
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812300800089775

### 样品图片 Sample Picture



# 99.20Wh

RECHARGEABLE LI-ION BATTERY PACK

Model/型号/型號: GAD-K41 4ICP4/76/128

Rated capacity: 6215mAh

Nominal Voltage: 15.56 V

Made in China /中國製造 (中国制造)

Manufacturer: Zhuhai CosMX Power JinWan Subsidiary Co., Ltd.

生产厂: 珠海冠宇电源有限公司金湾分公司

製造商: 珠海冠宇电源有限公司金湾分公司



|                          |                                                                                                                                                                                     |                     |            |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------|
| 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 | <br>王寅<br>副总工程师 Vice chief engineer                                                              | 签发日期<br>Issued date | 2023-12-14 |

-验证码:820833-

\*\*\*报告结束\*\*\*