UN38.3 试验概要
UN38.3 Test Summary

812600600168187

单位信息 Company information			
委托单位 Consignor	广州明美新能源股份有限公司 TWS Technology(Guangzhou) Limited 广州市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（可作厂房使用） 1st, 2nd and 3rd Floor (can be used as a factory building), No. 39, Nanyunsan Road, Science City of Guangzhou High-tech Industrial Development Zone 020-22215111 Burning.Lin@tws.com www.tws.com		
生产单位 Manufacturer	广州明美新能源股份有限公司 TWS Technology(Guangzhou) Limited 广州市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（可作厂房使用） 1st, 2nd and 3rd Floor (can be used as a factory building), No. 39, Nanyunsan Road, Science City of Guangzhou High-tech Industrial Development Zone 020-22215111 Burning.Lin@tws.com www.tws.com		
测试单位 Test lab	上海化工院检测有限公司 Shanghai Institute of Chemical Industry Testing Co., Ltd. 中国.上海.普陀区云岭东路 345 号，200062 No.345 East Yunling Road, Putuo, Shanghai, China 200062 86-21-31765555 battery@ghs.cn www.ghs.cn		
电池信息 Battery information			
名称 Name	可充式锂离子电池 Rechargeable Lithium-ion Battery	品牌 Brand	/
型号 Type	S41-LI-216-5200(C1)	原始测试型号 Original tested type	/
标称电压(V) Nominal voltage	21.6	容量/能量 Capacity/energy	Typ：4600mAh 99.36Wh Rat：4200mAh 90.72Wh
描述 Description	可充电锂离子电池组 Rechargeable Li-ion battery	锂含量(g) Li content	/
质量(kg) Mass	0.645	外观 Appearance	蓝色，黑色双色塑胶及塑料薄膜外壳 blue and black plastics cement and plastics film shell
测试信息 Test information			
原报告编号 Original test report No.	1126080511	测试报告日期 Date of test report	2026-09-07
测试标准 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.8&Amend.1
T.1 高度模拟 Altitude simulation	合格 Passed	T.2 温度测试 Thermal test	合格 Passed
T.3 振动测试 Vibration	合格 Passed	T.4 冲击测试 Shock	合格 Passed
T.5 外部短路 External short circuit	合格 Passed	T.6 撞击 Impact	合格 Passed
T.7 过度充电 Overcharge	合格 Passed	T.8 强制放电 Forced discharge	合格 Passed
38.3.3 (f)	/	38.3.3 (g)	/

声　明

Statement

1.试验概要无本实验室公章（或检验检测专用章）无效。

The test summary is invalid if it is not affixed the official seal of the laboratory to it.

2.试验概要复印件无效。

Copies of the test summary are invalid.

3.试验概要无签字及签字者姓名和职务无效。

The test summary is invalid without the signature, name and title of the signatory.

4.试验概要涂改无效。

The test summary is invalid if it is blotted out.

5.未经本实验室书面批准，不得部分复制试验概要。

It is forbidden to copy the test summary partially without the written approval of the laboratory.

6.试验概要中描述的检测结果，仅对所测样品有效。

The conclusion of the test summary is only valid for the tested sample.

7.试验概要以中文为准，英文文本（如有）仅为译文，两者发生冲突时，应以中文文本为准。

The test summary has been drafted in Chinese and translated into English (if exist) for convenience only. In the event of discrepancy, the Chinese version shall prevail.

地址：上海市云岭东路 345 号　　Address: No．345 East Yunling Road，Shanghai

邮政编码(PostCode)：200062

电话(Tel):（021）31765555　传真(Fax)：（021）31015117

网址(website)：www.ghs.cn

电子信箱(E-mail)：battery@ghs.cn

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样品图片 Sample Picture


结论 Conclusion	测试样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8&Amend.138.3 标准要求。The tested samples meet the requirements of test items of the UNITED NATIONS Manual of Tests and CriteriaST/SG/AC.10/11/Rev.8&Amend.1　38.3		
备注 Remark	/		
签名 Signature 职务 Title	王寅 副总工程师 Vice chief engineer	签发日期 Issued date	2026-09-08

-验证码:599767-

报告结束