



## UN38.3 Lithium Cell or Battery Test Summary

Sample information 样品信息:			
Name of sample 样品名称	Li-ion Battery 锂离子电池		
Model 型号	HY 18650	Parameters 规格参数	3.7V 2200mAh 8.14Wh
Appearance 外观	Cylindrical, blue 圆柱形, 蓝色	Mass 质量	约/Approx.: 47.5g
Battery type 电池类型	Single Cell Lithium Ion Battery 单芯锂离子电池	Size 尺寸	68.5mm×18.6mm (H×D)
Client 委托单位	Name 名称	HUAYOU NEW ENERGY(DONGGUAN)CO.,LTD 华友新能源(东莞)有限公司	
	Address 地址	6th floor, building a, changxingzhigu Industrial Park, Changlong village, Huangjiang Town, Dongguan City 东莞市黄江镇长龙村常兴智谷工业园 A 栋 6 楼	
Manufacturer 生产单位	Name 名称	HUAYOU NEW ENERGY(DONGGUAN)CO.,LTD 华友新能源(东莞)有限公司	
	Address 地址	6th floor, building a, changxingzhigu Industrial Park, Changlong village, Huangjiang Town, Dongguan City 东莞市黄江镇长龙村常兴智谷工业园 A 栋 6 楼	
	Tel. 电话	0769-82893259	E-mail 邮箱 rd@hyhy-battery.com
	Website 网址	www.hyhy-battery.com	

Test lab. information 测试实验室信息:			
Test lab. 测试实验室	Name 名称	Test Center of National Engineering Research Center of Advanced Energy Storage Materials Co., Ltd. 先进储能材料国家工程研究中心有限责任公司检测中心	
	Address 地址	No.B102, 1/F., Lankun Group Building B, No.29, Baoshi Road, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China 广东省深圳市宝安区新安街道宝石路 29 号蓝坤集团大厦 B 栋一楼 B102	
	Tel. 电话	86-755-22678310	E-mail 邮箱 service@cescert.com
	Website 网址	www.cescert.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: 86-755-22678310 Fax: (86)755-22678299 Email: service@cescert.com http://www.cescert.com

Test report information 测试报告信息:			
Test report 测试报告	CESUN210315010		
Testing Date 测试日期	2021-03-15~2021-03-29	Completing Date 完成日期	2021-03-30
Tested standard 测试标准	Section 38.3 of the Seventh Revised Edition of the "Manual of Test and Criteria" (ST/SG/AC.10/11/Rev.7/Section 38.3) 《试验和标准手册》第七修订版第38.3节		
Test item and conclusion 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 checked="" type="checkbox"/> Impact撞击/ <input type="checkbox"/> Crush挤压	Pass通过	
38.3.4.7	T.7 Overcharge过充电	Pass通过	
38.3.4.8	T.8 Forced discharge强制放电	Pass通过	

Approved by 批准		Issue date 签发日期	2021-03-30
陈其平 Cherry Chen:..... 技术负责人 Technical Manager 廖宇平 Richie Liao:..... 中心副主任 Deputy Centre Director			


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