

Report No.: SZABB190920003-03

报告编号

# CERTIFICATE FOR SAFE SEA TRANSPORT OF GOODS

## 航海运输条件鉴定书

非限制性货物  
NOT RESTRICTED

Client Name

委托单位

Hefei Zhonghe Power New Energy Technology Co., LTD

合肥众禾动力新能源科技有限公司

Address

地址

No.58 yihu West road, High-tech Industrial Development  
Zone, Lujiang County, Hefei City, Anhui Province 231500,

P. R. China

中国安徽省合肥市庐江县高新技术产业开发区移湖西路 58 号

Product Name

产品名称

Cylindrical Lithium-ion Cell 18650 2500mAh

圆柱锂离子电芯 18650 2500mAh

Date

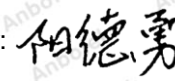
日期

Nov. 06, 2019

2019 年 11 月 06 日

**Shenzhen Anbotek Compliance Laboratory Limited****深圳安博检测股份有限公司**

## 1. Information for the client 委托方信息:

Sample Name: 样品名称	Cylindrical Lithium-ion Cell 圆柱锂离子电池	Cell Mode: 电芯型号	18650 2500mAh
Manufacturer: 制造商	Hefei Zhonghe Power New Energy Technology Co., LTD 合肥众禾动力新能源科技有限公司		
Add. of manufacturer: 制造商地址	No.58 yihu West road, High-tech Industrial Development Zone, Lujiang County, Hefei City, Anhui Province 231500, P. R. China 中国安徽省合肥市庐江县高新技术产业开发区移湖西路 58 号		
Factory: 工厂	Hefei Zhonghe Power New Energy Technology Co., LTD 合肥众禾动力新能源科技有限公司		
Add. of factory: 工厂地址	No.58 yihu West road, High-tech Industrial Development Zone, Lujiang County, Hefei City, Anhui Province 231500, P. R. China 中国安徽省合肥市庐江县高新技术产业开发区移湖西路 58 号		
Date of Receipt: 接收日期	Oct. 23, 2019 2019 年 10 月 23 日	Date of Test: 鉴定日期	Oct. 25, 2019 2019 年 10 月 25 日
Inspected by: 检查:	Checked by: 审核:	Approved by: 批准:	Stamp: 报告专用章:
			

**2. Reference documents for the certificate** 本次鉴定的技术依据:International Maritime Dangerous Goods Code (Amdt.38-16)  
《国际海运危险货物规则》(38-2016版)**3. Results of certificate and additional explanation** 鉴定结果/说明:

Name of goods: 样品名称	Cylindrical Lithium-ion Cell 圆柱锂离子电芯	Type: 样品型号	18650 2500mAh
Nominal voltage: 标称电压	3.6V	Rated capacity: 额定容量	2500mAh 9 Wh
Appearance: 样品外观	Cylindrical 圆柱形	Trademark: 商标	/
Packaging weight: 包装件重量	11.276kg	Size: 样品尺寸	(Φ 18.3*65.0)mm
Battery number: 内含电池数量	200/Packing 200/包装件	The period of this certification: 本鉴定书有效期	2019.12.31
Certification: 鉴定结论	<p>1. This sample is a Li-ion Cell. Rating Watt-hour is 9Wh. Each battery is proved to meet the Requirements tests in the UN Manual of Tests and Criteria, Part III, Subsection 38.3. Its package is proved to pass 1.2m drop test.</p> <p>该样品为锂离子电芯。额定瓦特小时为 9Wh，已通过 UN38.3 测试。其包装件通过 1.2 米跌落测试。</p> <p>2. The product meets the requirements in IMDG CODE (Amdt.38-16) Special provision 188; it can be transported by sea under this special provision.</p> <p>本品符合《国际海运危险货物规则》(38-16 版)特殊规定 188 条要求，可按此特殊规定进行海运运输。</p>		
Reference test reports for this certificate report: 本鉴定书依据的检查报告信息:	<p>Certificate laboratory: Shenzhen Anbotek Compliance Laboratory Limited</p> <p>Lithium ion Battery UN38.3 Test Report number: SZABB190920003-01</p> <p>Package 1.2m drop test report number: SZABB190920003-04</p> <p>鉴定机构: 深圳安博检测股份有限公司</p> <p>锂电池 UN38.3 检测报告号: SZABB190920003-01</p> <p>包装件 1.2 米跌落检测报告号: SZABB190920003-04</p>		
Comment: 备注	<p>1. Cells and batteries, except when installed in equipment, shall be packed in inner packagings that could lead to a short circuit. The inner packagings shall be packed in strong outer packagings which conform to the provisions of 4.1.1.1, 4.1.1.2, and 4.1.1.5.</p> <p>除安装在设备中外，电芯和电池须装在完全将其封闭的内包装内。电芯或电池须加以防护以免发生短路。这包括防止在同一包装内与可能导致短路的导电材料接触。内包装须装在符合 IMDG CODE 第 4.1.1.1、4.1.1.2 和</p>		

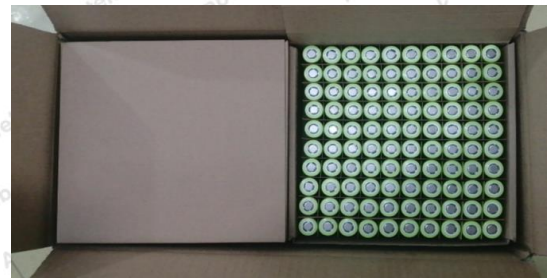
	<p>4.1.1.5 段规定的坚实的外包装内。</p> <p>2. Cells and batteries when installed in equipment shall be protected from damage and short circuit, and the equipment shall be equipped with an effective means of preventing accidental activation. When batteries are installed in equipment, the equipment shall be packed in strong outer packagings constructed of suitable material of adequate strength and design in relation to the packaging's capacity and its intended use unless the battery is afforded equivalent protection by the equipment in which it is contained.</p> <p>安装在设备中的电芯和电池须加以保护以便面损坏和短路, 该设备须配备有效的防止意外激活装置。如果电池安装在设备内, 该设备须被包装在坚实的外包装内, 该外包装由具有足够强度的材料建造并且设计与其容量的拟定用途相适应, 除非内含这些电池的设备能够提供等效的保护。</p> <p>3. Batteries be manufactured under a quality management programme.</p> <p>电池按照规定的质量管理体系进行制造。</p> <p>4. The lithium batteries don't belong to batteries returned to the manufacturer for safety reasons, are not waste lithium batteries and not lithium batteries being shipped for recycling or disposal.</p> <p>该锂电池不属于召回电池, 不属于废弃和回收电池。</p> <p>5. Except for packages containing button cell batteries installed in equipment, or no more than four cells installed in equipment or no more than four cells installed in equipment or no more than two batteries installed in equipment, each package shall be marked with following:</p> <ul style="list-style-type: none"><li>a) an indication that the package contains "lithium metal" or "lithium ion" cells or batteries, as appropriate;</li><li>b) an indication that the package shall be handled with care and that a flammability hazard exists if the package is damaged;</li><li>c) an indication that special procedures shall be followed in the event the package is damaged, to include inspection and repacking if necessary; and repackaging.</li><li>d) a telephone number for additional information.</li></ul> <p>包装件中除安装在设备中的扣电池或安装在设备中的不超过 4 块电芯 2 块电池外, 每个包件须按以下要求进行标记并附随以下内容的文件:</p> <ul style="list-style-type: none"><li>a) 适当说明包件含有“锂金属”或“锂离子”电池或电池组;</li><li>b) 说明包件须轻拿轻放及如果损坏存在易燃危险;</li><li>c) 说明一旦包件破损须遵循特殊的程序, 包括必要的检查和重新包装;</li><li>d) 作为附加信息的电话号码。</li></ul> <p>6. Except when batteries are installed in or packed with equipment, packages shall not exceed 30kg gross mass.</p> <p>除电池被安装在设备中或与设备合装在一起外, 包件毛重必须不超过 30kg.</p>
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#### 4. Photos of the Sample 样品照片

##### Cell 电芯



##### Package 包装件



**DECLARATION****声明**

1. The report is issued according to International Maritime Dangerous Goods Code published in the current year, the information of the goods its shipment provided by the applicant(shipper or his agent).

本报告书依据本年度《国际海运危险货物规则》，委托人（托运人或代理人）提供的物品及其运输信息出具。

2. Test place Lab: Shenzhen Anbotek Compliance Laboratory Limited

Address: East of 4/F., Building A, Hourui No.3 Industrial Zone, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China

鉴定实验室：深圳安博检测股份有限公司

地址：广东省深圳市宝安区西乡街道后瑞第三工业区 A 栋四楼东

3. This report shall not be revised and deleted.

本报告不能修改和删除。

4. Anbotek is only responsibility for the identification and classification of the sample provided by the client.

本公司仅对样品的鉴定结果负责。

5. This report shall not be published as advertisement without the approval of Shenzhen Anbotek Compliance Laboratory Limited.

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-- End of report --

-- 报告结束 --

