

Report No.: 18270BC30028701

报告编号

CERTIFICATE FOR SAFE SEA TRANSPORT OF GOODS

航海运输条件鉴定书

Client Name

委托单位

**ZHONGRUI GREEN ENERGY TECHNOLOGY
(SHENZHEN) CO.,LTD**

中瑞绿能技术（深圳）有限公司

Address

地址

**2304 Block B, Zhihuijiayuan, 76 Baohe Avenue,
Baolong Street, Longgang District, Shenzhen,
China.**深圳市龙岗区宝龙街道宝龙社区宝荷大道 76 号智慧
家园 B 座 2304**Product Name**

产品名称

**LITHIUM-ION BATTERY ZR-FS48100-16OSJ1
51.2V 100Ah 5120Wh**

锂离子蓄电池 ZR-FS48100-16OSJ1 51.2V 100Ah

Effective Date

生效日期

Feb. 01, 2023**2023 年 02 月 01 日****Shenzhen Anbotek Compliance Laboratory Limited****深圳安博检测股份有限公司**

检测专用章



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1. Information for the client 委托方信息:

Sample name: 样品名称	LITHIUM-ION BATTERY 锂离子蓄电池	Sample model: 样品型号	ZR-FS48100-16OSJ1
Manufacturer: 制造商	Rui Zhi Xin Neng Yuan (Huizhou) Co., Ltd. 瑞智新能源(惠州)有限公司		
Add. of manufacturer: 制造商地址	Kangyi Industrial Park, Yuhe Road, Sanhe Street, Huiyang District, Huizhou, Guangdong 516213, China 广东省惠州市惠阳区三和街道御和路康易工业园		
Factory: 工厂	Rui Zhi Xin Neng Yuan (Huizhou) Co., Ltd. 瑞智新能源(惠州)有限公司		
Add. of factory: 工厂地址	Kangyi Industrial Park, Yuhe Road, Sanhe Street, Huiyang District, Huizhou, Guangdong 516213, China 广东省惠州市惠阳区三和街道御和路康易工业园		
Date of Receipt: 接收日期	Feb. 01, 2023 2023年02月01日	Date of Test: 鉴定日期	Feb. 01, 2023 2023年02月01日
Inspected by: 检查:	莫健明	Checked by: 审核:	朱浩
		Approved by: 批准:	何德勇



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2. Reference documents for the certificate 本次鉴定的技术依据:

International Maritime Dangerous Goods Code (Amdt.40-20)

《国际海运危险货物规则》(40-20版)

3. Results of certificate and additional explanation 鉴定结果/说明:

Sample name: 样品名称	LITHIUM-ION BATTERY 锂离子蓄电池	Sample model: 样品型号	ZR-FS48100-16OSJ1
Nominal voltage: 标称电压	51.2V	Rated capacity: 额定容量	100Ah 5120Wh
Appearance: 样品外观	Approximate White Cuboid 白色近长方体	Trademark: 商标	ZRGP
Packaging weight: 包装件重量	52kg	Size: 样品尺寸	(648*400*175)mm
Battery number: 内含电池数量	1/Packing 1/包装件	The period of this certification: 本鉴定书有效期	2023.12.31
Certification: 鉴定结论	<p>1. This sample is a LITHIUM-ION BATTERY. Rating Watt-hour is 5120Wh. Each battery is proved to meet the Requirements tests in the UN Manual of Tests and Criteria, Part III, Subsection 38.3.</p> <p>该样品为锂离子蓄电池。额定瓦特小时为 5120Wh, 已通过 UN38.3 测试。</p> <p>2. The product meets the requirements in IMDG CODE (Amdt.40-20) Special provision 230; 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》(40-20 版)特殊规定 230 条要求, 可按此特殊规定进行海运运输。</p> <p>3. The product is classified as dangerous goods, the UN number is UN3480.</p> <p>本品属于危险物品, UN 编号为 UN3480。</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 BATTER UN38.3 Test Report number: 18270BC20156401</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: 18270BC20156401</p>		
备注: Comment	<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. Packagings must meet Packing Group II performance standards.</p> <p>包装必须达到 II 级包装的性能标准。</p>
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4. Photos of the Sample 样品照片

Battery 电池



Product Model: ZR-FS48100-16OSJ1
Product Spec: 51.2V 100Ah(5120Wh)

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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6. This report shall not be copied partly without the written approval of Shenzhen Anbotek Compliance Laboratory Limited.

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-- End of report --

-- 报告结束 --

