

CERTIFICATE FOR SAFE SEA TRANSPORT OF GOODS

航海运输条件鉴定书

本报告本年度有效
有效期至 2025 年 12 月 31 日

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

Client Address
单位地址 : **Block B0302, Building 1, Skyworth Technology
center, No.12 Gaoke Avenue, Baolong
Community, Baolong Street, Longgang District,
Shenzhen City.**
深圳市龙岗区宝龙街道宝龙社区高科大道 12 号创维
创客天地科技城 1 栋-B0302

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
5120Wh

Effective Date
生效日期 : **2025.01.01**

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



Identification Criteria 鉴别依据	IMDG CODE (Amdt 42-24)	
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	
Name of Goods 物品名称	LITHIUM-ION BATTERY ZR-FS48100-16OSJ1 51.2V 100Ah 5120Wh 锂离子蓄电池 ZR-FS48100-16OSJ1 51.2V 100Ah 5120Wh	
Nature of the goods 物品信息	Model/Type 型号规格:	ZR-FS48100-16OSJ1/51.2V/5120Wh
	Dimensions 尺寸	(648*400*175)mm
	Appearance 外观	Approximate White Cuboid 白色近长方体
	Weight of single batteries/cell 单个电池重量约	51kg
	Gross weight of each package 包装件毛重约	52kg
	Net number of batteries/cell per package 每包装件电池/电芯数目	1PCS
	UN38.3 report No. UN38.3 报告编号	1815C40276812701
	1.2m drop test report No. 1.2m 跌落测试报告为	Not Applicable 不适用
Conclusion 鉴别结论	UN3480 LITHIUM ION BATTERIES 危险类别 9 包装等级 II	UN3480 LITHIUM ION BATTERIES Class 9 Packing Group II
Comment 备注	Each single battery must be packed in such a way as to prevent short circuits normal conditions and packed in strong outer packaging. 每一电池必须做好防短路措施, 并装入坚固外包装内。	

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鉴别项目名称 Item	检查结果 Inspection Result
Watt-hour rating of the battery is 5120Wh 该电池额定瓦特小时数为 5120Wh	> 100 Wh
Each battery is of a type proved to meet the Requirements of each test in the UN MANUAL OF TESTING AND CRITERIA, Part III, sub-section 38.3 该电池已通过 UN38.3 测试	Conform 符合
Batteries be manufactured under a quality management programmer. 电池按照规定的质量管理体系进行制造	Conform 符合
The lithium batteries don't belong to batteries returned to the manufacturer for safety reasons, are not waste lithium batteries and not lithium cells being shipped for recycling or disposal. 该锂电池不属于召回电池, 不属于废弃和回收电池	Conform 符合
Each package is capable of withstanding a 1.2m drop test in any orientation 通过包装件 1.2 米跌落试验	Not Applicable 不适用
Each package is labeled with lithium battery handing label. Each consignment is accompanied with a document with an indication that: The package contains lithium ion batteries; The package must be handled with care, and that a flammability hazard exists if the package is damaged; Special procedures should be followed in the event the package is damaged, to include inspection and repacking if necessary; and A telephone number for additional information 每个包装件上均有锂电池操作标签。 每票货物均有随附文件说明:包装件内装锂离子电池;必须小心操作。如包装件破损, 有易燃危险品;包装件破损时应采取的特殊措施, 包括必要时的检查和重新包装;应急电话号码。	Conform 符合



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: 401, 402, Building A, Hourui No.3 Industrial Zone, No.2 Kaicheng Road, Hourui Community, Hangcheng Street, Baoan District, Shenzhen, Guangdong, China.

测试实验室：深圳安博检测股份有限公司

地址：广东省深圳市宝安区航城街道后瑞社区凯成路2号后瑞第三工业区A栋401、402

3. This report shall not be revised and deleted.

本报告不能修改和删除。

4. The test results presented in this report are only relevant to the test sample.

本报告出现的试验结果仅与试验样品有关。

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-- End of report --

-- 报告结束 --

