

此报告本年度有效
有效期2022年12月31日

Rep.No.:TSZ21120078-P01-R03

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货物运输条件鉴定报告书

Report for Safe Transport of Goods

 海运 By Sea	第九类危险品 Dangerous Goods Class 9
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Name of sample:

LiFePO4 battery pack

产品名称:

磷酸铁锂电池组

Model/型号规格:

SR-EOS48-5.0A-E0

Client:

SRNE SOLAR CO.,LTD

委托单位:

深圳硕日新能源科技有限公司

Classification:

Commission Test

检测类别:

委托测试

Shenzhen Tiansu Calibration and Testing Co.,Ltd

深圳天溯计量检测股份有限公司

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STOG



TS(SZ)-J3-010-001-A1

委托信息	Commissioned Information	
Commissioned by 委托单位	SRNE SOLAR CO.,LTD 深圳硕日新能源科技有限公司	
Commissioner address 委托单位地址	4-5F,Building13A,Taihua Wutong Industrial Park ,Gushu Development Zone ,Hangcheng Street,Baoan, Shenzhen, China PR 深圳市宝安区航城街道三围社区泰华梧桐工业园大雪(13A)	
Manufacturer 生产单位	SRNE SOLAR CO.,LTD Dongguan Branch 深圳硕日新能源科技有限公司东莞分公司	
Manufacturer address 生产单位地址	Room 301, Building 5th, Fuxing Rd No.36, Chang'an Town,Dongguan City, Guangdong Province, China PR 广东省东莞市长安镇复兴路36号5号楼301室	
样品信息	Sample Information	
Name of samples 样品名称	LiFePO4 battery pack 磷酸铁锂电池组	
Battery Category 电池类别	Li-ion batteries 锂离子电池	
Type\Mode 型号规格	SR-EOS48-5.0A-E0	
Sample Parameters 样品参数(容量\能量\电压)	100Ah/5120Wh/51.2V	
包装件信息	Package Information	
Package Appearance 包装件外观	Prismatic 棱柱形	
Package Size 包装件尺寸	T(280mm)*W(530mm)*L(780mm)	
Package Weight 包装件重量	47.52Kg	
Package batteries net weight 包装件电池净重	46.02Kg	
Battery quantity in each package 每个包装件内电池个数	1pcs	
Equipment Information 设备信息	Equipment Name: - 设备名称: -	Type\Mode: - 设备型号: -
鉴定依据	Inspection refer to	
Inspection refer to 鉴定依据	IMDG CODE(Amdt. 40-20) Edition. 国际海运危险货物运输规则	
鉴定结论	Certification	
Proper Shipping name 运输名称	Li-ion batteries 锂离子电池	
Hazards identification 危险品识别	Class 9 hazard(UN3480) 第九类危险品(UN3480)	
packing group standards 包装等级要求	The package meet the packing group II performance standards. 包装箱满足包装等级II的要求。	
Seal 检验专用章 Date of Issue: Jan.18, 2022 		

批准
Approved by

段江涛

审核
Reviewed by

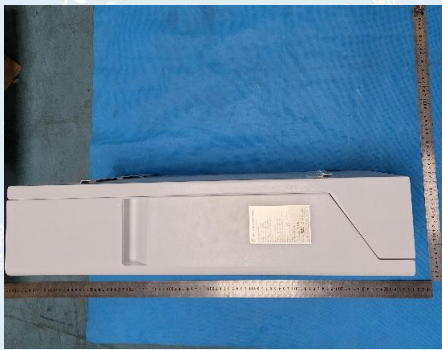
邓兴勇

主检
Tested by

徐志龙

编号	鉴别项目	鉴别结果
1	Watt-hour rating of the battery is 5120 Wh. 该电池额定瓦特小时数为 5120 瓦时。	>100Wh
2	The Lithium cells/batteries listed in the report are of type proven to meet the requirements of each test in the UN Manual of Tests and Criteria Part III subsection 38.3. The UN38.3 test report No. is TSZ21120078-P01-R01 . 本报告所述锂电池已经通过联合国《关于危险货物运输的建议书》第 38.3 节的相关测试要求。 UN38.3 测试报告编号：TSZ21120078-P01-R01 .	Conform 符合
3	Batteries be manufactured under a quality management programme. 电池按照规定的质量管理体系进行制造。	Conform 符合
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. 该锂电池不属于召回电池，不属于废弃和回收电池。	Conform 符合
5	Each package is capable of withstanding a 1.2m drop test in any orientation. The test report No.:- . 通过包装件 1.2 米跌落试验，测试报告编号：- .	N/A 不适用
6	The package must be appropriately marked according to special provision 188. 包装件需要按照特殊规定 188 的要求进行适当标记。	N/A 不适用
7	Each consignment is accompanied with a document with an indication that: the package contains lithium ion cells or 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. 每票托运货物均有随附文件说明： 包装件内装锂离子电芯或电池，必须小心操作，如包装件破损，有易燃危险性；包装件破损时应采取的特殊措施，包括检查和必要时的重新包装；紧急联系电话号码。	Conform 符合
8	Cells and batteries are properly protected so as to prevent short circuits. 锂电池具有适当的防短路措施。	Conform 符合
9	Cells and batteries are properly protected so as to secured against movent within the outer package. 锂电池有适当的保护措施防止其在包装件内移位。	Conform 符合

Photos of Samples
样品照片



Model:SR-EOS48-5.0A-E0

Battery Type:LiFePO4
 Battery Energy:5.12kWh
 Battery Capacity:100Ah
 Voltage Range:44.8-57.6V
 Max.Charging Current:100A
 Max.Discharging Current:100A
 DOD:80%
 Max.Parallel Quantity:4
 Operation Environment:Indoor
 Operation Humidity:5%~85%
 Nominal Operation Altitude:<2000m
 Weight:46kg
 Dimension L×D×H:620×450×140mm
 Operating Temperature:
 Charge:0~45°C
 Discharge:-10~45°C

CAUTION Do not install or use this product in an environment where the temperature is lower than -10°C or higher than 50°C.



STATEMENTS

声 明

1. The test report is invalid without the official stamp of Tiansu.
本报告无检测单位印章无效。
2. This report shall not be copied partly without the written approval of Shenzhen Tiansu Calibration and Testing Co.,Ltd
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本报告无批准人、审核人及鉴定人签名无效。
4. The test report is invalid if altered.
本报告涂改无效。
5. Objections to the test report must be submitted to Tiansu within 15 days.
对检测报告若有异议，应于收到报告之日起十五天内向检测单位提出。
6. The test report is valid for the tested samples only.
本报告仅与送检样品有关。

----- 报告结束 -----