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运输危险性鉴别报告书

Identification and Classification Report for Transport of Goods

危险物品
(Dangerous Goods)

此报告本年度有效
有效期至2025年12月31日

报告编号：
Issued No: SEKSZ202412156248YD760001

生效日期：
Effective Date: 2025.01.01

委托单位：深圳硕日新能科技股份有限公司

Applicant: SRNE Solar Co., Ltd

物品名称：储能锂电池 SR-SE05B 51.2V 100Ah 5.12kWh

Name of Goods: Lithium Battery Energy Storage SR-SE05B 51.2V 100Ah 5.12kWh

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Development Co.,Ltd.

报 告 书 使 用 约 定

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地址：北京首都机场货运北路天竺综合保税区 BGS 货运楼 249 室　　邮编：101300

电话：010-69479673　　传真：010-69479621

网址：www.dgmchina.com.cn　　E-mail: test@dgmchina.com.cn

项目编号 Item No.		SEKSZ202412156248	签发日期 Issued Date	2024.12.17
鉴别目的 Identification Purpose		是否属于运输危险物品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2024.12.15-2024.12.17
鉴别依据 Identification Criteria		IMDG CODE (Amdt 42-24)		
物品名称 Name of Goods	中文名称 Name of Chinese	储能锂电池 SR-SE05B 51.2V 100Ah 5.12kWh		
	英文名称 Name of English	Lithium Battery Energy Storage SR-SE05B 51.2V 100Ah 5.12kWh		
生产厂家 Manufacturer		深圳硕日新能科技股份有限公司东莞分公司 SRNE SOLAR CO., LTD Dongguan Branch		
物品信息 Nature of Goods		该物品为锂离子电池，白色，近长方体，尺寸：646.0*399.0*150.0 mm。 型号/族号：SR-SE05B 每包装件中电池或电芯数量：1块 单独包装 (注：单块电池的重量约为44.0kg。) The goods are lithium ion batteries,white,almost cuboid,Size:646.0*399.0*150.0 mm. Model/Group:SR-SE05B Number of batteries or cells per package:1 pieces Cells or batteries only		
鉴别结论 Conclusions	危险物品 (Dangerous Goods)			
	UN 编号(UN No.):	UN3480		
	运输专用名称(PSN)	Lithium ion batteries		
	危险性类别(Class or Div.)	9		
	包装等级(PG)			
备注 Comment	包装必须达到 II 级包装的性能标准。 Packagings must meet Packing Group II performance standard.			

主检员 Appraiser 曾平平　审核人 Checker 蒋晓芳　批准人 Approver

报告单位（盖章）Stamp

项目编号 Item No.		SEKSZ202412156248
物品名称 Name of Goods	中文名称 Name of Chinese	储能锂电池 SR-SE05B 51.2V 100Ah 5.12kWh
	英文名称 Name of English	Lithium Battery Energy Storage SR-SE05B 51.2V 100Ah 5.12kWh

鉴别项目名称 Item	检验结果 Inspection Result
该电池额定瓦特小时数为 5.12 k Wh。 Watt-hour rating of the battery is 5.12 k Wh.	>100Wh
锂电池已通过 UN38.3 测试。 Each battery is of a type proved to meet the Requirements of each test in the UN MANUAL OF TESTS AND CRITERIA, Part III,sub-section 38.3.	符合 Conform
电池按照规定的质量管理体系进行制造。 Batteries be manufactured under a quality management programme.	符合 Conform
该锂电池不属于召回电池，不属于废弃和回收电池。 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.	符合 Conform
通过包装件 1.2 米跌落试验。 Each package is capable of withstanding a 1.2m drop test in any orientation.	不适用 Not applicable
包装件需要按照特殊规定188的要求进行适当标记。 The package must be appropriately marked according to special provision 188.	不适用 Not applicable
每票托运物品均有随附文件说明： 包装件内装锂离子电池或电芯； 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； 应急电话号码。 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.	不适用 Not applicable
/	/
/	/

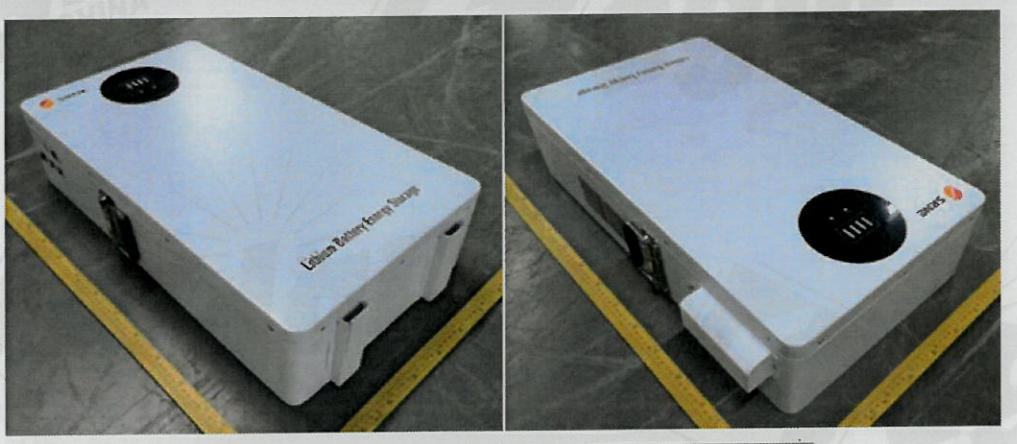
注意事项 Remarks	每一单电池必须做好防短路措施，并装入坚固外包装内。 Each single battery must be packed in such a way as to prevent short circuits under the normal conditions and packed in strong outer packagings.

出单：郭燕娣

储能锂电池 SR-SE05B 51.2V 100Ah 5.12kWh

SEKSZ202412156248





SRNE

Lithium Battery Energy Storage

Model Name	SR-SE05B
Battery Type	LiFePO4
Battery Energy	5.12kWh
Battery Capacity	100Ah
Nominal Voltage	51.2V
Voltage Range	44.8 ~ 57.6VDC
Max. Charging Current	100A
Max. Discharging Current	100A
Peak Charging Current	120A(3s)
Peak Discharging Current	120A(3s)
DOD	80%
Protection Rating	IP30
Nominal Operation Altitude	<2000m
Weight	44kg
Dimension	646*399*150MM
Operating Temperature:	
Charge	0~45℃
Discharge	-10~45℃

SN:

锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号：SEKSZ202412156248

单位信息 Company Information	
委托单位 Consignor	深圳硕日新能科技股份有限公司 深圳市宝安区航城街道三围社区泰华梧桐工业园大雪（13A）栋 4 层 5 层 电话/Tel：+86-18575550440　　邮箱/Mail：like@szshuori.com
生产单位 Manufacturer	深圳硕日新能科技股份有限公司东莞分公司 广东省东莞市长安镇复兴路 36 号 5 号楼 301 室 电话/Tel：+86-18575550440　　邮箱/Mail：like@szshuori.com
测试单位 Test Lab	广东科正技术服务有限公司 广东省深圳市宝安区沙井街道沙头社区民主九九工业区福源厂新厂房 A 区 C 栋一层西侧，518104 电话/Tel：+(86) 0755-2985 2678　　邮箱/Mail：info@gdksign.cn 网址/Website: www.gdksign.com

电池信息 Battery Information			
名称 Name	储能锂电池 Lithium Battery Energy Storage	电池/电芯类别 Battery/Cell Classification	锂离子电池 Li-ion Battery
型号 Type	SR-SE05B	商标 Trademark	/
额定电压 Normal Voltage	51.2V	额定容量 Rated Capacity	100Ah
额定能量 Watt-hour rating	5.12kWh	外观/Appearance	白色近长方体 Approximate White Cuboid
质量/Mass	44.0kg	锂含量/Li Content	不适用 N/A

测试信息 Test Information					
测试报告编号 Test Report Number	KS2410S4514B01		测试报告签发日期 Date of Test Report	2024-11-12	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》（第 8 版）38.3 节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Subsection 38.3				
T.1：高度模拟 Altitude Simulation	通过 Pass	T.2：温度试验 Thermal Test	通过 Pass	T.3：振动 Vibration	通过 Pass
T.4：冲击 Shock	通过 Pass	T.5：外部短路 External Short Circuit	通过 Pass	T.6：撞击/挤压 Impact/Crush	通过 Pass
T.7：过度充电 Overcharge	通过 Pass	T.8：强制放电 Forced Discharge	通过 Pass	/	
UN38.3.3.1(f)或/or UN38.3.3.2(d)	不适用 N/A		UN38.3.3.1(g)或/or UN38.3.3.2(e)	不适用 N/A	
签名 Signatory 职务 Title	检验员		签发日期 Issued Date	2024-12-15	