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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: SEKSZ202411055187PXY680001

生效日期：
Effective Date: 2025.01.01

委托单位：成都绿孚新能源技术有限公司

Applicant: Chengdu Greenfaith New Energy Technology Co., Ltd.

物品名称：磷酸铁锂电池 LFR51100 51.2V 100Ah 5.12kWh

Name of Goods: LiFePO4 Battery LFR51100 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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项目编号 Item No.		SEKSZ202411055187	签发日期 Issued Date	2024.12.04
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	2024.11.07-2024.12.04
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	磷酸铁锂电池 LFR51100 51.2V 100Ah 5.12kWh		
	英文名称 Name of English	LiFePO4 Battery LFR51100 51.2V 100Ah 5.12kWh		
生产厂家 Manufacturer		中自环保科技股份有限公司 Sinocat Environmental Technology Co., Ltd		
物品信息 Nature of Goods		该物品为锂离子电池，白色，近长方体，尺寸：482.60*468.00*178.00mm。 型号/族号：LFR51100 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49.745kg。) The goods are lithium ion batteries,white,almost cuboid,Size:482.60*468.00*178.00mm. Model/Group:LFR51100 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

审核人 Checker

批准人 Approver

报告单位（盖章）Stamp

项目编号 Item No.		SEKSZ202411055187
物品名称 Name of Goods	中文名称 Name of Chinese	磷酸铁锂电池 LFR51100 51.2V 100Ah 5.12kWh
	英文名称 Name of English	LiFePO4 Battery LFR51100 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 5120 Wh。 Watt-hour rating of the battery is 5120 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
/	/
/	/

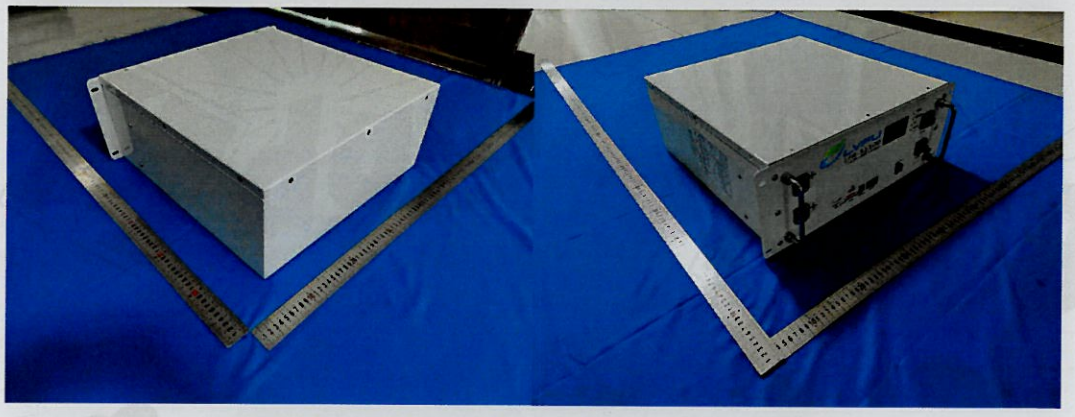
注意事项 Remarks	每一单电池必须做好防短路措施，并装入坚固外包装内。 Each single battery must be packed in such a way as to prevent short circuits under the normal conditions and packed in strong outer packagings.

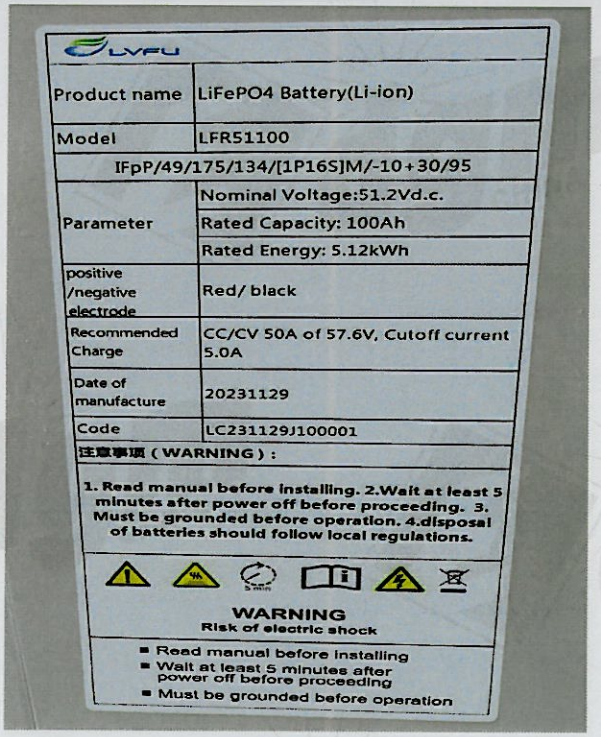
出单：彭新玉

磷酸铁锂电池 LFR51100 51.2V 100Ah 5.12kWh

SEKSZ202411055187







LVFU	
Product name	LiFePO4 Battery(Li-ion)
Model	LFR51100
IFpP/49/175/134/[1P16S]M/-10+30/95	
Parameter	Nominal Voltage:51.2Vd.c.
	Rated Capacity: 100Ah
	Rated Energy: 5.12kWh
positive /negative electrode	Red/ black
Recommended Charge	CC/CV 50A of 57.6V, Cutoff current 5.0A
Date of manufacture	20231129
Code	LC231129J100001
注意事项（WARNING）：	
1. Read manual before installing. 2.Wait at least 5 minutes after power off before proceeding. 3. Must be grounded before operation. 4.disposal of batteries should follow local regulations.	
WARNING Risk of electric shock	
■ Read manual before installing ■ Wait at least 5 minutes after power off before proceeding ■ Must be grounded before operation	

附页

锂电池 UN38.3 试验概要 Lithium Battery Test Summary

项目编号：SEKSZ202411055187

单位信息 Company Information	
委托单位 Consignor	成都绿孚新能源技术有限公司 四川省成都市中国（四川）自由贸易试验区成都高新区吉泰五路 88 号 3 栋 40 层 08 号
生产单位 Manufacturer	中自环保科技股份有限公司 中国四川省成都市高新西区古楠街 88 号 电话/Tel：18081946403　邮箱/Mail：zhanyf@sinocat.com.cn 网址/Website: www.zetabess.com
测试单位 Test Lab	深圳天溯计量检测股份有限公司 广东省深圳市龙岗区锦龙大道 2 号 电话/Tel：0755-89457984　邮箱/Mail：tsjc@tiansu.org 网址/Website: www.tiansu.org

电池信息 Battery Information			
名称 Name	磷酸铁锂电池 LiFePO4 Battery	电池/电芯类别 Battery/Cell Classification	锂离子电池 Li-ion Battery
型号 Type	LFR51100	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	49.745kg	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	TSZ23120118-P02-R01		测试报告签发日期 Date of Test Report	2023-12-29	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》（第 7 版修订 1）38.3 节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend1/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(f)	不适用 N/A		UN38.3.3(g)	不适用 N/A	
签名 Signatory 职务 Title	检验员		签发日期 Issued Date	2024.11.15	

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