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检验
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CNAS IB0078

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2026年12月31日

报告编号: SEKQD202511273127QL320001

Issued No:

生效日期: 2026.01.01

Effective Date:

委托单位: 安徽赢瑞新能源科技有限公司

Applicant: Anhui YingRui new energy technology Co., LTD

物品名称: 磷酸铁锂电池 M16S100BL-U 51.2V 100Ah 5.12KWh

Name of Goods: Power Wall LiFePO₄ Battery M16S100BL-U 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.



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项目编号 Item No.	SEKQD202511273127	签发日期 Issued Date	2025.12.04
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	2025.11.27-2025.12.01
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 M16S100BL-U 51.2V 100Ah 5.12KWh	
	英文名称 Name of English	Power Wall LiFePO ₄ Battery M16S100BL-U 51.2V 100Ah 5.12KWh	
生产厂家 Manufacturer	安徽赢瑞新能源科技有限公司 Anhui YingRui new energy technology Co., LTD		
物品信息 Nature of Goods	<p>该物品为锂离子电池，黑白杂色，近长方体，尺寸：520*495*175(mm)。 型号/族号：M16S100BL-U 每包装件中电池或电芯数量：1块 单独包装</p> <p>(注：单块磷酸铁锂电池的重量约为44.5Kg。该磷酸铁锂电池由纸箱单独包装，防止短路。)</p> <p>The goods are lithium ion batteries, black and white, almost cuboid, Size: 520*495*175(mm). Model/Group: M16S100BL-U Number of batteries or cells per package: 1 pieces Cells or batteries only</p>		
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	刘振振	审核人 Checker	孙术龙
		批准人 Approver	宋芳
		报告单位 (盖章) Stamp	03



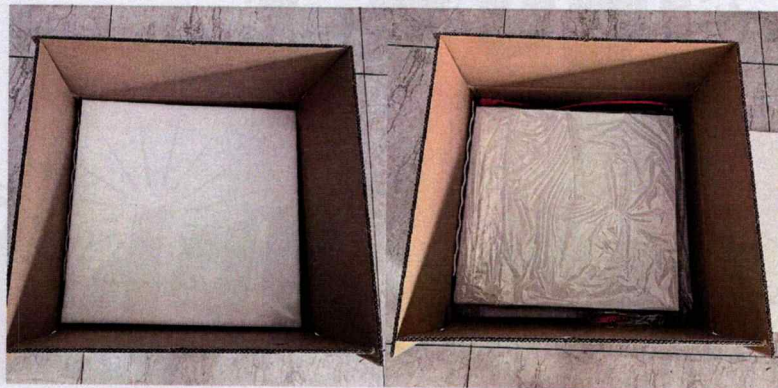
项目编号 Item No.		SEKQD202511273127	
物品名称 Name of Goods	中文名称 Name of Chinese	磷酸铁锂电池 M16S100BL-U 51.2V 100Ah 5.12KWh	
	英文名称 Name of English	Power Wall LiFePO ₄ Battery M16S100BL-U 51.2V 100Ah 5.12KWh	
鉴别项目名称 Item			检验结果 Inspection Result
该电池额定瓦特小时数为 5120 Wh。 Watt-hour rating of the battery is 5120 Wh.			>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：刘振振



磷酸铁锂电池 M16S100BL-U 51.2V 100Ah 5.12KWh

SEKQD202511273127



Product Type:	M16S100BL-U
Nominal Voltage:	51.2V
Rated Capacity:	100Ah
Charge Voltage:	58.4V
Standard Charging Current:	20A
Max.Charging Current:	100A
Max.Discharging Current:	100A
Discharge Cut-off Voltage:	42V
Nominal Energy:	5.12KWh

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

项目编号: SEKQD202511273127

单位信息 Company Information					
委托单位 Consignor	安徽赢瑞新能源科技有限公司 Anhui YingRui new energy technology Co., LTD				
生产单位 Manufacturer	安徽赢瑞新能源科技有限公司 Anhui YingRui new energy technology Co., LTD 安徽省蚌埠市固镇县蚌埠铜陵产业园梨园大道北侧、天井湖大道东侧 North side of Liyuan Avenue & East side of Tianjing Lake Avenue, Bengbu Tongling Industrial park, Guzhen county, Bengbu city, Anhui province, 电话/Tel: 13965857960 邮箱/Mail: lbf@ahyingrui.com				
测试单位 Test Lab	深圳立讯检测股份有限公司 Shenzhen LCS Compliance Testing Laboratory Ltd. 广东省深圳市宝安区沙井街道衙边学子围巨基工业园 A 栋 101、201, C 栋 301 Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 电话/Tel: +(86) 0755-8259 1330 邮箱/Mail: webmaster@lcs-cert.com 网址/Website: http:// www.lcs-cert.com				
电池信息 Battery Information					
名称 Name	磷酸铁锂电池 Power Wall LiFePO4 Battery	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	M16S100BL-U	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		黑白杂色近长方体 Approximate Black And White Cuboid	
质量/Mass	44.5Kg	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	LCSA04304107SA		测试报告签发日期 Date of Test Report	2024-05-29	
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	刘振振 检验员		签发日期 Issued Date	2025-11-27	

