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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:

SEKSZ202511297451PXY320001

Issued No:

生效日期:

2026.01.01

Effective Date:

委托单位:

武汉祥明新能源科技有限公司

Applicant:

Wuhan Xiangming New Energy Technology Co., Ltd.

物品名称:

储能一体机(锂离子电池组) 5kW+5.12kWh 51.2V 100Ah 5.12kWh

Name of Goods:

All in one energy storage (Li-ion Battery Pack) 5kW+5.12kWh
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.		SEKSZ202511297451		签发日期 Issued Date		2025.12.09	
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		2025.11.29-2025.12.08	
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	储能一体机（锂离子电池组）5kW+5.12kWh 51.2V 100Ah 5.12kWh					
	英文名称 Name of English	All in one energy storage (Li-ion Battery Pack) 5kW+5.12kWh 51.2V 100Ah 5.12kWh					
生产厂家 Manufacturer		武汉祥明新能源科技有限公司 Wuhan Xiangming New Energy 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：452.00*350.00*670.00mm。 型号/族号：5kW+5.12kWh 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65.846kg。) The goods are lithium ion batteries, white, almost cuboid, Size:452.00*350.00*670.00mm. Model/Group:5kW+5.12kWh 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		06					



项目编号 Item No.		SEKSZ202511297451	
物品名称 Name of Goods	中文名称 Name of Chinese	储能一体机（锂离子电池组）5kW+5.12kWh 51.2V 100Ah 5.12kWh	
	英文名称 Name of English	All in one energy storage (Li-ion Battery Pack) 5kW+5.12kWh 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 5.12k Wh。 Watt-hour rating of the battery is 5.12k 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



储能一体机（锂离子电池组）5kW+5.12kWh 51.2V

100Ah 5.12kWh

SEKSZ202511297451



All in one energy storage Li-ion Battery Pack	
Model.....	5kW+5.12kWh
Humidity.....	5% to 95% Relative Humidity
Operating Temperature.....	0°C-55°C
AC	
Rated Output Power.....	5000W
Input/Output Voltage.....	200VAC-240VAC
Output Current.....	10A/10A/10A
Input Current.....	40A
Selectable Voltage Range.....	170-280VAC(UPS)
Frequency Range.....	60Hz / 60Hz (Auto sensing)
PV	
Maximum PV Array Power.....	5000W
Maximum PV Array Open Circuit Voltage.....	450VDC
PV Array MPPT Voltage Range(Typ.).....	120-450VDC
Maximum Solar Charge Current.....	22A
Battery Data	
Battery type.....	LiFePO4
Rated capacity.....	51.2V/100AH (5.12kWh)
Voltage Range.....	43.2V-58.4V
Maximum Continuous Charge/ Discharge Current.....	100A/100A
Serial number.....	ZJXHRPPCFA060003
Product number.....	XPR-2412063
   	

锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: SEKSZ202511297451

单位信息 Company Information					
委托单位 Consignor	武汉祥明新能源科技有限公司 Wuhan Xiangming New Energy Technology Co., Ltd.				
生产单位 Manufacturer	武汉祥明新能源科技有限公司 Wuhan Xiangming New Energy Technology Co., Ltd. 湖北省武汉市江夏区庙山开发区阳光大道 9 号盛帆工业园 5 栋 301 室 Room 301, Building 5, Sanfran Industrial Park, No. 9, Yangguang Avenue, Miaoshan Development Zone, Jiangxia District, Wuhan City, Hubei Province. 电话/Tel: 15021836943 邮箱/Mail: 1017474402@qq.com				
测试单位 Test Lab	深圳天溯计量检测股份有限公司 Shenzhen Tiansu Calibration and Testing Co., Ltd. 广东省深圳市龙岗区锦龙大道 2 号 No.2, Jinlong Avenue, Longgang District, Shenzhen, Guangdong, China 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	储能一体机(锂离子电池组) All in one energy storage (Li-ion Battery Pack)		电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery
型号 Type	5kW+5.12kWh		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	65.846kg		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	TSZ25CD056A02-01		测试报告签发日期 Date of Test Report	2025-03-29	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》(第 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/ UN38.3.3.2(d)	不适用 N/A		UN38.3.3.1(g)或/ 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	2025.11.29	