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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2024年12月31日

报告编号:

SEKSZ202401141029PXY200001

Issued No:

生效日期:

2024.01.22

Effective Date:

委托单位:

深圳市研智科技有限公司

Applicant:

Shenzhen Ensmar Technology Co., Ltd

物品名称:

可充电锂离子电池系统ES R-48100 51.2V 100Ah 5.12kWh

Name of Goods:

Rechargeable Lithium Ion Battery System ES R-48100 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.		SEKSZ202401141029	签发日期 Issued Date	2024.01.22
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	2024.01.14-2024.01.22
鉴别依据 Identification Criteria		IMDG CODE (Amdt 41-22)		
物品名称 Name of Goods	中文名称 Name of Chinese	可充电锂离子电池系统ES R-48100 51.2V 100Ah 5.12kWh		
	英文名称 Name of English	Rechargeable Lithium Ion Battery System ES R-48100 51.2V 100Ah 5.12kWh		
生产厂家 Manufacturer		东莞市砺智新能源科技有限公司 DONGGUAN ENSMAR 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：436.00*426.70*140.00mm。 型号/族号：ES R-48100 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44.000kg。该电池的UN38.3报告由深圳天溯计量检测股份有限公司出具，报告编号：TSZ23120654-P01-R01。) The goods are lithium ion batteries,white,almost cuboid,Size:436.00*426.70*140.00mm. Model/Group:ES R-48100 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.		SEKSZ202401141029	
物品名称 Name of Goods	中文名称 Name of Chinese	可充电锂离子电池系统ES R-48100 51.2V 100Ah 5.12kWh	
	英文名称 Name of English	Rechargeable Lithium Ion Battery System ES R-48100 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



可充电锂离子电池系统 ES R-48100 51.2V 100Ah

5.12kWh

SEKSZ202401141029



ENSMAR Model No.: ES R-48100

Rechargeable Lithium Ion Battery System	
Total Energy	5.12KWh
Nominal Voltage	51.2Vd.c.
Rated Capacity	100Ah
Working Voltage Range	44.8~56.8V
Suggested Charge Current	20A
Max. Cont. Charge Current	95A
Suggested Discharge Current	20A
Max. Cont. Discharge Current	95A
Installation Condition	Indoor
Charge Temperature Range	0~55 C
Discharge Temperature Range	-15~55 C
Ingress Protection	IP20
Protective Class	I
Dimension (H*D*W, mm, max)	140*426.7*436mm
Weight	44±1KG

IFpP50/175/122/[16S]M/0+50/95

Shenzhen Ensmar Technology Co., Ltd
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OF CHINA


E10011022C52952300001

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

项目编号: SEKSZ202401141029

单位信息 Company Information					
委托单位 Consignor		深圳市研智科技有限公司 深圳市光明区凤凰街道凤凰社区汇通路 7 号万和科技大厦 A 栋 6 楼 612 室			
生产单位 Manufacturer		东莞市研智新能源科技有限公司 广东省东莞市大朗镇仙江路169号6栋403室 电话/Tel: (+86) 769 88342286 邮箱/Mail: factory@ensmar.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		可充电锂离子电池系统 Rechargeable Lithium Ion Battery System		电池/电芯类别 Battery/Cell Classification	
型号 Type		ES R-48100		锂离子電池 Li-ion Battery	
额定电压 Normal Voltage		51.2V		商标 Trademark	
额定能量 Watt-hour rating		5.12kWh		额定容量 Rated Capacity	
质量/Mass		44.000kg		外观/Appearance	
				白色 近长方体 Approximate White Cuboid	
				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		TSZ23120654-P01-R01		测试报告签发日期 Date of Test Report	
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	
T.4: 冲击 Shock		通过 Pass		通过 Pass	
T.7: 过度充电 Overcharge		通过 Pass		T.3: 振动 Vibration	
UN38.3.3(f)		不适用 N/A		通过 Pass	
UN38.3.3(g)		不适用 N/A		通过 Pass	
T.5: 外部短路 External Short Circuit		通过 Pass		T.6: 撞击/挤压 Impact/Crush	
T.8: 强制放电 Forced Discharge		通过 Pass		通过 Pass	
签名 Signatory		检验员		签发日期 Issued Date	
职务 Title				2024.01.19	