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中国认可
检验
INSPECTION
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)

报告编号:

SEKQD202602043436QL480001

Issued No:

此报告本年度有效
有效期至2026年12月31日

生效日期:

2026.02.04

Effective Date:

委托单位:

东莞市丰晖电子有限公司

Applicant:

DONGGUAN FUNPACK ELEC CO., LTD.

物品名称:

磷酸铁锂电池组 LiMax-S5 51.2V 100Ah 5120Wh

Name of Goods:

LiFeP04 Battery Pack LiMax-S5 51.2V 100Ah 5120Wh

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.	SEKQD202602043436	签发日期 Issued Date	2026.02.04
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	2026.02.04-2026.02.04
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	磷酸铁锂电池组 LiMax-S5 51.2V 100Ah 5120Wh	
	英文名称 Name of English	LiFePO4 Battery Pack LiMax-S5 51.2V 100Ah 5120Wh	
生产厂家 Manufacturer	东莞市丰晖电子有限公司 DONGGUAN FUNPACK ELEC CO., LTD.		
物品信息 Nature of Goods	该物品为锂离子电池，灰白杂色，长方体，尺寸：(424.0x175.0x561.0)mm。 型号/族号：LiMax-S5 每包装件中电池或电芯数量：1块 单独包装 (注：单块电池组的重量约为49.7kg。该电池组由纸箱单独包装，防止短路。) The goods are lithium ion batteries, grey/white, cuboid, Size: (424.0x175.0x561.0)mm. Model/Group: LiMax-S5 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	刘振振	审核人 Checker	石芸杰
		批准人 Approver	梁学文
		报告单位 (盖章) Stamp	



项目编号 Item No.		SEKQD202602043436	
物品名称 Name of Goods	中文名称 Name of Chinese	磷酸铁锂电池组 LiMax-S5 51.2V 100Ah 5120Wh	
	英文名称 Name of English	LiFePO4 Battery Pack LiMax-S5 51.2V 100Ah 5120Wh	
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



磷酸铁锂电池组 LiMax-S5 51.2V 100Ah 5120Wh

SEKQD202602043436



FAJRIX[®] Solar Power	
LiMax (Lithium Professional)	
LiMax-S5 51.2V 100Ah 5120Wh	
Battery Type	LiFePO4
Cycle Life	≥28000cycle(@80%DOD)
Voltage Range	43.2~58.4V
Max Charge Current	100A
Max Discharge Current	100A
Communication Protocol	RS485/CAN/RS232
Working Temperature	-20~55°C
IP Rating	IP32
Net Weight	49.7kg
Dimension(L*W*H)	424*175*561mm
Warranty	7years

锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: SEKQD202602043436

单位信息 Company Information					
委托单位 Consignor	东莞市丰晖电子有限公司 / DONGGUAN FUNPACK ELEC CO., LTD. 广东省东莞市清溪镇横窝二街 2 号 No.2, Hengwo Second Street, Qingxi Town Dongguan City, Guangdong Province, China				
生产单位 Manufacturer	东莞市丰晖电子有限公司 / DONGGUAN FUNPACK ELEC CO., LTD. 广东省东莞市清溪镇横窝二街 2 号 No.2, Hengwo Second Street, Qingxi Town Dongguan City, Guangdong Province, China 电话/Tel: +86-769-82060769 邮箱/Mail: panxh@funpack.com.cn 网址/Website: www.funpack.com.cn				
测试单位 Test Lab	众检检验认证(深圳)有限公司/CMC Testing International (Shenzhen) Co., Ltd. 广东省深圳市宝安区沙井街道大王山社区和二鸿奔工业区 7 栋一层二层三层 1-3/F., Building 7, He'er Hongben Industrial Zone, Dawangshan Community, Shajing Subdistrict, Baoan District, Shenzhen, Guangdong, China 电话/Tel: 400-1668-320 邮箱/Mail: info@cmczej-lab.com 网址/Website: www.cmczej-lab.com				
电池信息 Battery Information					
名称 Name	磷酸铁锂电池组 LiFePO4 Battery Pack		电池/电芯类别 Battery/Cell Classification	锂离子电池 Li-ion Battery	
型号 Type	LiMax-S5		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	5120Wh		外观/Appearance	灰白杂色长方体 Gray And White Cuboid	
质量/Mass	49.7kg		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	CMC260105084		测试报告签发日期 Date of Test Report	2026.02.02	
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/或 UN38.3.3.2(d)	不适用 N/A		UN38.3.3.1(g)或/或 UN38.3.3.2(e)	不适用 N/A	
签名 Signatory 职务 Title	刘振振 检验员		签发日期 Issued Date	2026.02.04	