



海运
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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)

此报告本年度有效
有效期至2024年12月31日

报告编号:

SEKSZ202404158642WX480001

Issued No:

生效日期:

2024.04.16

Effective Date:

委托单位:

深圳古瑞瓦特新能源有限公司

Applicant:

SHENZHEN GROWATT NEW ENERGY CO., LTD.

物品名称:

磷酸铁锂电池 Hope 5.0L-B1 51.2V 100Ah 5120Wh

Name of Goods:

LiFePO₄ Battery Hope 5.0L-B1 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.	SEKSZ202404158642	签发日期 Issued Date	2024.04.16
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	2024.04.15-2024.04.16
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	磷酸铁锂电池 Hope 5.0L-B1 51.2V 100Ah 5120Wh	
	英文名称 Name of English	LiFePO ₄ Battery Hope 5.0L-B1 51.2V 100Ah 5120Wh	
生产厂家 Manufacturer	惠州古瑞瓦特智慧能源有限公司 Huizhou Growatt Smart Energy Co., Ltd.		
物品信息 Nature of Goods	<p>该物品为锂离子电池，白色，近长方体，尺寸：440.0*480.0*130.5 mm。 型号/族号：Hope 5.0L-B1 每包装件中电池或电芯数量：1块 单独包装</p> <p>(注：单块电池的重量约为43.6kg。该电池的UN38.3报告由广东科正技术服务有限公司出具，报告编号：KS2403S0921B01。)</p> <p>The goods are lithium ion batteries, white, almost cuboid, Size: 440.0*480.0*130.5 mm. Model/Group: Hope 5.0L-B1 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	刘文喜	审核人 Checker	宋明
		批准人 Approver	赵焱
		报告单位 (盖章) Stamp	



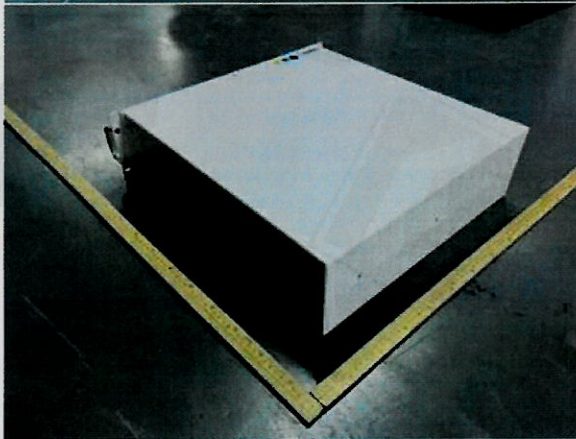
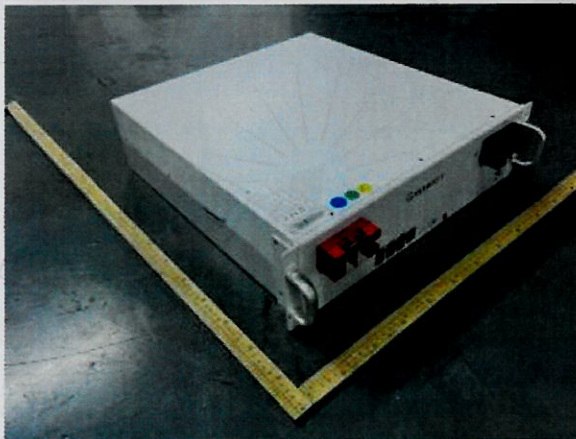
项目编号 Item No.		SEKSZ202404158642
物品名称 Name of Goods	中文名称 Name of Chinese	磷酸铁锂电池 Hope 5.0L-B1 51.2V 100Ah 5120Wh
	英文名称 Name of English	LiFePO ₄ Battery Hope 5.0L-B1 51.2V 100Ah 5120Wh
鉴别项目名称 Item		检验结果 Inspection Result
该电池额定瓦特小时数为 5120 Wh。 Watt-hour rating of the battery is 5120 Wh.		>100Wh
锂电池已通过 UN38.3 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：刘文喜



磷酸铁锂电池 Hope 5.0L-B1 51.2V 100Ah 5120Wh

SEKSZ202404158642



 GROWATT LiFePO ₄ Battery	
Model Name	Hope 5.0L-B1
Nominal Voltage	51.2V
Rated Capacity	100Ah
Rated Energy	5120Wh
Max Charge Current	100A
Max Discharge Current	100A
Ingress Protection	IP20
Charge Temperature	0°C - 55°C
Discharge Temperature	-20°C - 55°C
   	
H Made In China	

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

项目编号: SEKSZ202404158642

单位信息 Company Information					
委托单位 Consignor	深圳古瑞瓦特新能源有限公司 深圳市宝安区西乡街道固兴社区航城大道中德欧产业示范园 A 栋 A401, 4-13 楼 电话/Tel: +86-755-29515888 邮箱/Mail: huixue.ou@sacolar.com				
生产单位 Manufacturer	惠州古瑞瓦特智慧能源有限公司 广东省惠州市仲恺高新区东江科技园东兴片区兴举西路 5 号的 4-6 号厂房 电话/Tel: +86-13560579411 邮箱/Mail: huixue.ou@sacolar.com 网址/Website: www.growatt.com				
测试单位 Test Lab	广东科正技术服务有限公司 广东省深圳市宝安区沙井街道沙头社区民主九九工业区福源厂新厂房 A 区 C 栋一层西侧, 518104 电话/Tel: +(86) 0755-2985 2678 邮箱/Mail: info@gdksign.cn 网址/Website: www.gdksign.com				
电池信息 Battery Information					
名称 Name	磷酸铁锂电池 LiFePO ₄ Battery	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	Hope 5.0L-B1	商标 Trademark		GROWATT	
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		白色近长方体 White almost Cuboid	
质量/Mass	43.6kg	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	KS2403S0921B01	测试报告签发日期 Date of Test Report		2024-04-12	
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	刘文喜 检验员		签发日期 Issued Date	2024-04-15	

