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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:

SEKSZ202408295940PXY760001

Issued No:

生效日期:

2024.08.30

Effective Date:

委托单位:

惠州市华阳光电技术有限公司

Applicant:

Huizhou FORYOU Optoelectronics Technology Co Ltd

物品名称:

可充电锂离子电池组 BA05G 51.2V 100Ah 5.12kWh

Name of Goods:

Rechargeable Li-ion Battery Pack BA05G 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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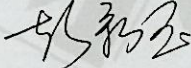
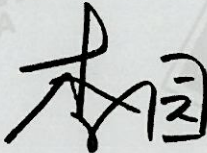
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项目编号 Item No.	SEKSZ202408295940	签发日期 Issued Date	2024.08.30
鉴别目的 Identification Purpose	是否属于运输危险物品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2024.08.29-2024.08.30
鉴别依据 Identification Criteria	IMDG CODE (Amdt 41-22)		
物品名称 Name of Goods	中文名称 Name of Chinese	可充电锂离子电池组 BA05G 51.2V 100Ah 5.12kWh	
	英文名称 Name of English	Rechargeable Li-ion Battery Pack BA05G 51.2V 100Ah 5.12kWh	
生产厂家 Manufacturer	惠州市华阳光电技术有限公司 Huizhou FORYOU Optoelectronics Technology 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：620.00*470.00*165.00mm。 型号/族号： BA05G 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49.000kg。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：TSZ24EA046A03-01。)</p> <p>The goods are lithium ion batteries, white, almost cuboid, Size: 620.00*470.00*165.00mm. Model/Group: BA05G 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	审核人 Checker	批准人 Approver	报告单位 (盖章) Stamp
			



项目编号 Item No.		SEKSZ202408295940
物品名称 Name of Goods	中文名称 Name of Chinese	可充电锂离子电池组 BA05G 51.2V 100Ah 5.12kWh
	英文名称 Name of English	Rechargeable Li-ion Battery Pack BA05G 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



可充电锂离子电池组 BA05G 51.2V 100Ah 5.12kWh

SEKSZ202408295940



Name: Rechargeable Li-ion Battery Pack		ADAYO
Model: BA05G		
Battery Cell	IFP/51/161/120/1P16S/M-10+60/90	
Cell Technology	Li-ion(LFP)	
Capacity (Ah)	100	
Battery Parameters		
Nominal Voltage (Vdc)	51.2	
Rated Capacity (Ah)	100	
Rated Energy (kwh)	5.12	
Max Voltage (Vdc)	58.4	
Max Charge Voltage (Vdc)	58.4	
Discharge Cut-off Voltage (Vdc)	40	
Standard Charge Current (A)	50	
Max Charge Current (A)	95	
Standard Discharge Current (A)	50	
Max Discharge Current (A)	100	
Others		
IP inclosure	IP21	
Dimension (mm)	620±1*470±1*165±1	
Communication	RS485/CAN	
Operative Ambient Temperatures	Charge:0°C--55°C Discharge:-20°C--55°C	
Storage Temperature (°C)	-20~60	
Humidity	<45%	
Altitude (m)	<2	
<p>Warning: Do not use and leave the battery near a fire source or an fire heater. Do not remove the positive and negative terminals. Do not disassemble, shorten the battery, and press the battery with a nail or other sharp object. Please refer to the user manual for more details. © 2024 ADAYO. All rights reserved.</p>		

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

项目编号: SEKSZ202408295940

单位信息 Company Information			
委托单位 Consignor	惠州市华阳光电技术有限公司 Huizhou FORYOU Optoelectronics Technology Co Ltd		
生产单位 Manufacturer	惠州市华阳光电技术有限公司 Huizhou FORYOU Optoelectronics Technology Co Ltd 广东省惠州市东江高科技工业园上霞北路 1 号华阳工业区 B 区 5 号楼 Building 5, District B, NO.1 North Shangxia Road, Dongjiang Hi-tech Industry Park, HUIZHOU GUANGDONG 516005.CHINA 电话/Tel: 13669573916 邮箱/Mail: hqli@adayo-led.com 网址/Website: www.adayo-led.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	可充电锂离子电池组 Rechargeable Li-ion Battery Pack	电池/电芯类别 Battery/Cell Classification	锂离子电池 Li-ion Battery
型号 Type	BA05G	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	49.000kg	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	TSZ24EA046A03-01	测试报告签发日期 Date of Test Report	2024-08-28
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.4: 冲击 Shock	通过 Pass	T.5: 外部短路 External Short Circuit	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	 检验员	签发日期 Issued Date	2024.08.29