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CNAS IB0078

海运
By Sea

货物运输条件鉴别报告书

Identification and Classification Report for Transport of Goods

危险物品
(Dangerous Goods)

报告编号:

SEKSH202211172676SD500001

Issued No:

生效日期:

2022.11.18

Effective Date:

委托单位:

麦田能源有限公司

Applicant:

FOXESS CO., LTD.

物品名称:

锂离子电池模组 CM2800H

Name of Goods:

Lithium ion Battery Module CM2800H

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.		SEKSH202211172676	签发日期 Issued Date	2022.11.18
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	2022.11.17-2022.11.18
鉴别依据 Identification Criteria		IMDG CODE (Amdt 40-20)		
物品名称 Name of Goods	中文名称 Name of Chinese	锂离子电池模组 CM2800H		
	英文名称 Name of English	Lithium ion Battery Module CM2800H		
生产厂家 Manufacturer		麦田能源有限公司 FOXESS CO., LTD.		
物品信息 Nature of Goods		<p>该物品为锂离子电池，白色，长方体，尺寸：570*380*178(mm)。 型号/族号：CM2800H 商标：FOXESS 每包装件中电池或电芯数量：1块 每包装件中的净重：34.3kg 单独包装</p> <p>(注：该锂电池不属于召回的锂电池且按照IMDG CODE2.9.4.5规定的质量体系进行制造。同时，该电池已经做好防短路措施并装入坚固的包装内，电池已固定且不能位移。单块电池的重量为34.3kg。) The goods are lithium ion batteries, white, cuboid, Size:570*380*178(mm). Model/Group:CM2800H Trademark:FOXESS Number of batteries or cells per package:1 pieces Net quantity per package:34.3kg 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	
		危险货物类别(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	戴慧, 32	审核人 Checker	批准人 Approver	报告单位 (盖章) Stamp



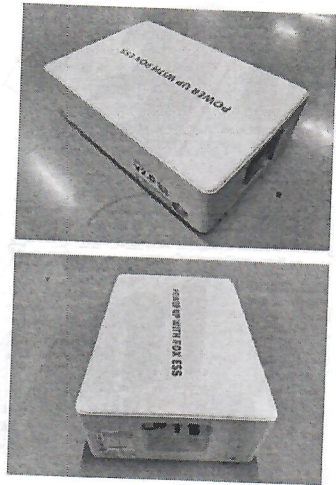
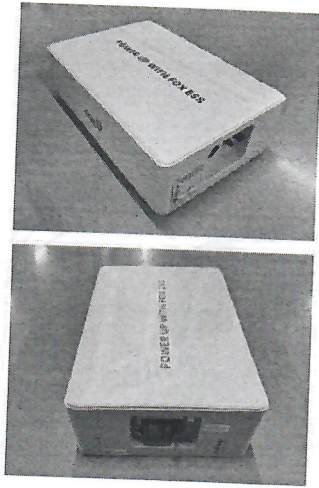
项目编号 Item No.		SEKSH202211172676	
物品名称 Name of Goods	中文名称 Name of Chinese	锂离子电池模组 CM2800H	
	英文名称 Name of English	Lithium ion Battery Module CM2800H	
鉴别项目名称 Item			检验结果 Inspection Result
该电池额定瓦特小时数为 2760 Wh。 Watt-hour rating of the battery is 2760 Wh.			>100Wh
锂电池已通过 UN38.3 测试。 Each battery is of a type 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
每票托运货物均有随附文件说明： 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：戴慧红



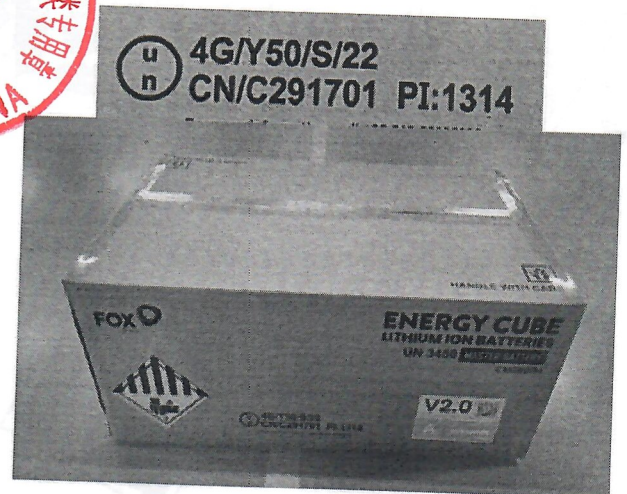
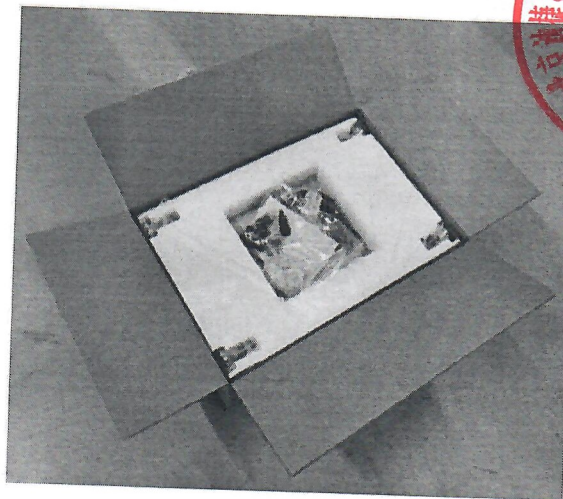
锂离子电池模组 CM2800H

SEKSH202211172676



FOX ENERGY CUBE		Rechargeable Li-ion Battery System					
Product Name	13.8V 48Ah	13.8V 24Ah	13.8V 12Ah	13.8V 6Ah	13.8V 3Ah	13.8V 1.5Ah	
Nominal Energy	6.504kWh	3.252kWh	1.626kWh	0.813kWh	0.406kWh	0.203kWh	
Nominal Voltage	13.8Vdc	13.8Vdc	13.8Vdc	13.8Vdc	13.8Vdc	13.8Vdc	
Voltage Range	12.6V-14.4V	12.6V-14.4V	12.6V-14.4V	12.6V-14.4V	12.6V-14.4V	12.6V-14.4V	
Rated Capacity	48Ah	24Ah	12Ah	6Ah	3Ah	1.5Ah	
Max. Charge/Discharge Current	40A/10A						
System Protection	FMS						
Dimensions (LxWxH)	170x110x60mm						
Operating Temperature	-20°C to 45°C						
Storage Temperature	-10°C to 30°C						
Lithium Ion Battery Module							
Model No.	CM2800H						
Rated Capacity	48Ah						
Nominal Energy	2.76kWh						
Nominal Voltage	57.8Vdc						
Voltage Range	52.2-64.2Vdc						
<p>Do not disassemble the battery pack. Do not immerse the battery pack in water. The battery should be checked by qualified testing agent.</p> <p>Do not short-circuit the battery. Contact the battery manufacturer for more information.</p>							
<p>CAUTION</p> <p>Emergency Situations</p> <ul style="list-style-type: none"> If leaking fire, use of damaged, switch off the breaker and go away from the battery. Do not touch the leaking liquid. Do not use water, sand or any granular extinguisher in a nearby. <p>Manufacturer: FOXESS CO., LTD. Made in China 10-200-20722-02</p>							

Lithium Ion Battery Module	
Model No.:	CM2800H
Rated Capacity:	48Ah
Nominal Energy:	2.76kWh
Nominal Voltage:	57.8Vdc
Voltage Range:	52.2-64.2Vdc



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

项目编号: SEKSH202211172676

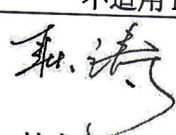

单位信息 Company Information

委托单位 Consignor	麦田能源有限公司 浙江省温州市龙湾区空港新区金海三道 939 号 电话/Tel: 0510-68092998 邮箱/Mail: info@fox-ess.com 网址/Website: www.fox-ess.com
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电池信息 Battery Information

名称 Name	锂离子电池模组 Lithium ion Battery Module	电池/电芯类别 Battery/Cell Classification	锂离子电池 Li-ion Battery
型号 Type	CM2800H	商标 Trademark	FOXESS
额定电压(V) Normal Voltage (V)	57.6V	额定容量(mAh) Rated Capacity (mAh)	48000mAh
额定能量(Wh) Watt-hour rating (Wh)	2760Wh	外观/Appearance	白色长方体 White cuboid
质量(g)/Mass (g)	34300g	锂含量(g)/Li Content (g)	不适用 N/A

测试信息 Test Information

测试报告编号 Test Report Number	20221006J30025-1	测试报告签发日期 Date of Test Report	2022-11-11
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《关于危险货物运输的建议书-试验和标准手册》(第7版修订一) 38.3 节 UN Recommendations on the Transport of Dangerous Goods Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7/Amend.1/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)
签名 Signatory	 技术负责人		签发日期 Issued Date
职务 Title			2022.11.17 

内部资料 分类专用