



中国认可
国际互认
检验
INSPECTION
CNAS IB0551



Certification No.:

证书编号 :PWXNY20210117M501

Certificate for Safe Transport of Goods by Sea 货物海运条件鉴定书

Dangerous Goods/危险货物

Name of Goods: Lithium Battery Pack: FLITECELL-EXPLORE

货物名称: 锂电池组: FLITECELL-EXPLORE

Applicant: Fliteboard Pty Ltd

委托单位:

Issue Date: 2021.01.27

签发日期:

Inspected by/鉴定

Guangwei Li

Inspection Engineer

Reviewed by/审核

Chen Huang

Audit Engineer

Approved by/批准

Hongbin Xu

Approval Engineer

广州邦禾检测技术有限公司

Guangzhou MCM Certification & Testing Co., Ltd.



Inspection Conclusion 检验结论			
Name of Goods: 货物名称:	Lithium Battery Pack: FLITECELL-EXPLORE 锂电池组: FLITECELL-EXPLORE		
Battery Information 电池信息:	Battery type: 电池类型:	Lithium Ion Battery 锂离子电池	
	Type/ Mode: 型号规格:	FLITECELL-EXPLORE 50.4V 40Ah 2016Wh	
Package information: 包装信息:	Package's Mass: 包装件重量:	15.8kg	Equipment's Qty.: 设备数量:
	Batteries' Mass: 电池净重:	13.7kg	Batteries' Qty.: 电池数量:
Applicant: 委托单位:	Fliteboard Pty Ltd		
Applicant Address: 申请单位地址:	156 Jonson Street, Byron Bay New South Wales 2481, Australia		
Factory: 生产单位:	Changzhou Emissions-Free Technology Co., Ltd. 常州帕沃新能源科技有限公司		
Factory Address: 生产单位地址:	#A401, A HIT Mingseal Technology Building, NO.18 Middle ChangWu Road, WuJin, ChangZhou, Jiangsu 213000, China 中国 江苏省常州市武进区常武中路 18 号哈工大铭赛科技大厦 A 区 A401		
Inspection Standard: 检验标准:	IMO International Maritime Dangerous Goods Code (39-18 Edition) 国际海事组织《国际海运危险货物规则》(39-18 版)		
Receipt Date: 接受日期:	2021.01.17	Completion Date: 完成日期:	2021.01.20
Effective Date: 有效日期:	2021.01.27 – 2021.12.31		
Inspection Conclusion: 检验结论:	<p>1. Hazards identification/危险品识别: Class 9: UN 3480 LITHIUM ION BATTERIES 第九类危险品: UN 3480 锂离子电池</p> <p>2. Operational mode according to IMO IMDG Code/按 IMO IMDG 操作方式: According to special provision 230 & 348 and packing instruction P903, the goods can be transported by sea 根据特殊规定 230、348 和包装要求 P903, 该货物允许运输</p> <p>3. Packing requirements/包装要求: The goods are declared as Dangerous Goods, and packaged according to the packing instruction P903. 货物按照危险品申报, 并按照包装要求 P903 进行包装</p> <p style="text-align: right;">Seal: 检验专用章:</p>		
Comment: 备注:	/		

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IMO International Maritime Dangerous Goods Code (39-18 Edition) 国际海事组织《国际海运危险货物规则》(39-18 版)			
Clause	Requirements	Result	Verdict
Special provision 230 特殊规定 230			P
	Lithium cells and batteries may be transported under this entry if they meet the provisions of 2.9.4. 锂电芯和电池如符合 2.9.4 的规定, 可按本条目要求进行运输。		P
	—2.9.4.1	PWXNY20200706U01	P
	—2.9.4.2, .3, .4, .5	Complied	P
	—2.9.4.6	Not applied	N/A
	—2.9.4.7	PWXNY20200706UG01	P
Special provision 348 特殊规定 348			P
	Batteries manufactured after 31 December 2011 shall be marked with the watt hour rating on the outside case; 2011 年 12 月 31 日以后生产的电池应在外壳上标明额定瓦时数。	The watt hour rating have been marked: 2016Wh 瓦特-小时值已标明: 2016Wh See the photos of page 6 见第 6 页的电池标识照片	P
Packing instruction P903 包装指示 P903			P
	For cells and batteries 对于电芯和电池	Complied 符合要求	P
.1	Drums(1A2, 1B2, 1N2, 1H2, 1D, 1G); Boxes(4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2); Jerricans(3A2, 3B2, 3H2) 桶(1A2, 1B2, 1N2, 1H2, 1D, 1G); 箱(4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2); 罐(3A2, 3B2, 3H2)	4G: Fiberboard box 4G: 纤维板箱	P
	For cells and batteries, cells or batteries shall be packed in packagings so that the cells or batteries are protected against damage that may be caused by the movement or placement of the cells or batteries within the packaging. 对于电芯和电池, 电芯或电池应包装在包装中, 以防其在包装中移动或放置时受损。	See the packing photo of page 7. 见第 7 页的包装图片。	P
	Packagings shall conform to the packing group II performance level. 包装应符合包装类别 II 的性能等级。	Complied 符合要求	P
.2	In addition for cells or batteries with a gross mass of 12 kg or more employing a strong, impact resistant outer casing, and assemblies of such cells or batteries; (a)Strong outer packagings; (b)Protective enclosures (e.g, fully enclosed or wooden slatted crates); or (c)Pallets or other handling devices Cells or batteries shall be secured to prevent inadvertent movement, and the terminals shall not support the weight of other superimposed elements. Packagings need not meet the requirements of 4.1.1.3. 此外, 对于总质量为 12 kg 或以上的电芯或电池, 应采用坚固的抗冲击外壳, 以及此类电芯或电池的组件; (a) 坚固的外包装; (b) 防护罩 (例如, 全封闭或木条板条箱); 或 (c) 托盘或其他搬运装置 电池或电池应固定, 以防意外移动, 端子不应支撑其他叠加元件的重量。 包装不需要满足 4.1.1.3 的要求。	Gross mass of batteries: 13.7kg 电池总质量: 13.7kg Packaging conformed to the packing relevant requirement. 包装符合相关要求。	P

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Clause	Requirements	Result	Verdict
.3	For cells or batteries packed with equipment 对于与设备一同包装的电芯或电池	Battery transport alone 电池单独运输	N/A
	Packagings conforming to the requirements in paragraph (1) of this packing instruction, then placed with the equipment in an outer packaging; or Packagings that completely enclose the cells or batteries in placed with equipment in a packaging conforming to the requirements in paragraph (1) of this packing instruction. 符合本包装说明条款(1)要求的包装,然后将设备放在外包装中;或 完全封闭电池或电池的包装,与设备一起放置在符合本包装说明条款(1)要求的包装中。	/	N/A
	The equipment shall be secured against movement within the outer packaging. 应固定设备,防止其在外包装内移动。	/	N/A
.4	For cells or batteries contained in equipment 对于设备中包含的电池	Battery transport alone 电池单独运输	N/A
	Strong outer packagings constructed of suitable material, and of adequate strength and design in relation to the packaging capacity and its intended use. They shall be constructed in such a manner as to prevent accidental operation during transport. Packagings need not meet the requirements of 4.1.1.3. 由合适的材料制成坚固的外包装,具有足够的强度和设计,与包装能力及其预期用途有关,其结构应能防止运输过程中的意外操作。包装不需要满足 4.1.1.3 的要求。	/	N/A
	Large equipment can be offered for transport unpackaged or on pallets when the cells or batteries are afforded equivalent protection by the equipment in which they are contained. 当电芯或电池由其所在设备提供同等保护时,可提供大型设备用于运输未包装或托盘上的货物。	/	N/A
.5	Additional requirement: Cells or batteries shall be protected against short circuit. 附加要求:电芯或电池应防止短路。	Batteries are protected against short circuit. 电池已有防止短路措施。	P
Packing instruction LP903 包装指示 LP903			N/A
.1	The following large packagings are authorized for a single battery and for a single item of equipment containing batteries, provided that the general provisions of 4.1.1 and 4.1.3 are met: 以下大型包装被授权使用用于单个电池或包含设备的单个设备。符合 4.1.1 和 4.1.3 的一般规定	/	N/A
.2	Rigid large packagings conforming to the packing group II performance level 符合 II 级包装要求的刚性大型包装材料	/	N/A

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Clause	Requirements	Result	Verdict
.3	Rigid large packagings made of below 刚性大型包装材料由以下材料组成 Steel (50A); 钢(50A) Aluminium (50B); 铝(50B) Metal other than steel or aluminium (50N); 钢或铝以外的金属(50N) Rigid plastics (50H); 刚性塑料(50H) Natural wood (50C); 天然木(50C) Plywood (50D); 胶合板(50D) Reconstituted wood (50F); 再造木材(50F) Rigid fibreboard (50G); 刚性纤维板(50G)	/	N/A
.4	The battery or the equipment shall be packed so that the battery or the equipment is protected against damage that may be caused by its movement or placement within the large packaging. 电池或设备应进行包装, 以保护电池或设备在大包装内免受其移动或放置可能造成的损坏。	/	N/A
.5	Additional requirement: Batteries shall be protected against short circuit. 附加要求: 电池应防止短路。	/	N/A
As used in this special provision "equipment" means apparatus for which the lithium cells and batteries will provide electrical power for its operation. 本特殊条款所称“设备”, 是指锂电芯和电池为其运行提供电能的装置。			
A single cell battery as defined in Part III, sub-section 38.3.2.3 of the Manual of Tests and Criteria is considered a "cell" and shall be transported according to the requirements for "cells" for the purpose of this special provision. 《试验和标准手册》第三部分第 38.3.2.3 小节中定义的单电芯电池被视为“电芯”, 应按照本特别规定中对“电池”的要求运输。			



Photos of the Battery

电池照片

Battery (FLITECELL-EXPLORE 50.4V 40Ah 2016Wh)



Fliteboard Pty. Ltd.

156 Jonson Street
Byron Bay NSW 2481
Australia

SERIAL NUMBER FBFE 060-01 1518 0620
FLITECELL - EXPLORE
50.4Vnom/ 40Ah / 2016Wh
141NR19/66-14
CHARGE CCCV 58.8Vdc (max), 25A (max)

Photos of the Packages and Markings
样品包装及其标识照片



- End of Report -

Important Note 注意事项

1. This inspection report is invalid without special inspection seal and cross-page seal of Guangzhou MCM Certification & Testing Co., Ltd.
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5. Objection to this inspection report must be submitted to Guangzhou MCM Certification & Testing Co., Ltd. within 15 days after the publication of the report.
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6. This report is only responsible for the received samples.
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7. The inspected items in this report are not in the scope of CMA. They do not have impartial function.
本报告检验项目不在 CMA 范围内，不具有公正性的作用。
8. As for the inspection results, "N/A" means "Not applicable", "P" means "Pass" and "F" means "Fail".
本检验结果中"N/A"表示"不适用"，"P"表示"通过"，"F"表示"不通过"。

Inspection Lab:	Guangzhou MCM Certification & Testing Co., Ltd.
检验单位:	广州邦禾检测技术有限公司
Address:	1 F No.13, Zhong San Section, ShiGuang Road, Panyu District, Guangzhou City, Guangdong Province, China.
地址:	中国 广州市番禺区市广路钟三路段 13 号之一
Tel/电话:	0086-20-34777662
Email/电子邮箱:	mark.miao@mcmtek.com
Web/公司网址:	Http://www.mcmtek.com