



中国认可
检验
INSPECTION
CNAS IB0078

危险物品
DANGEROUS GOODS

仅限货机运输

航空运输条件鉴别报告书

Identification and Classification Report for Air Transport of Goods

报告编号:

PEKSZ202101041992ZM610001

Issued No.:

签发日期:

2021. 01. 04

Issued Date:

此报告本年度有效
有效期至2021年12月31日

委托单位:

深圳市首航新能源有限公司

Applicant:

Shenzhen SOFARSOLAR Co., Ltd.

物品名称:

可充电锂离子电池 GTX3000-H, 51.2V 50Ah 2500Wh

Name of Goods:

Rechargeable Li-ion Battery GTX3000-H, 51.2V 50Ah 2500Wh

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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1. 本公司依据本年度国际航协《危险品规则》以及委托人（托运人或其代理人）提供的物品及其运输信息，确定货物的航空运输条件并出具此报告书。

The report is issued by DGM China according to IATA *Dangerous Goods Regulations* published in the current year and the information of the goods and the information of its shipping provided by the applicant (shipper or his agent).

2. 依据鉴别的需要，本公司要求委托人提供真实、完整的货物样品及资料。

According to the demand of identification and classification, DGM China requires the applicant to provide true and exact sample and data of the cargo.

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The applicant guarantees that the declared goods and/or the sample who provides should be identical with the contents of cargo that is to be transported.

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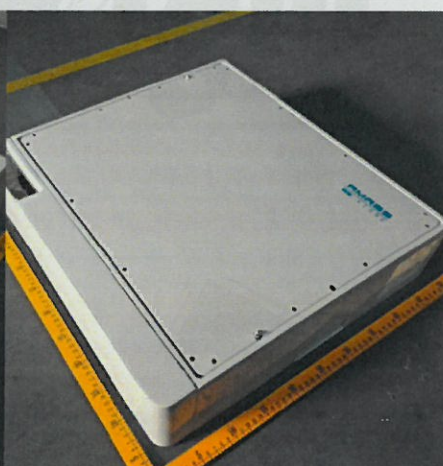
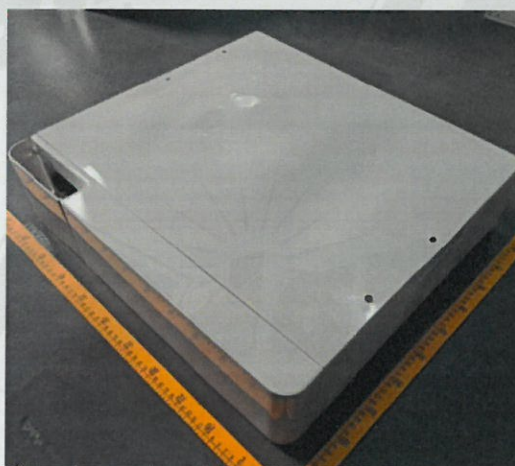
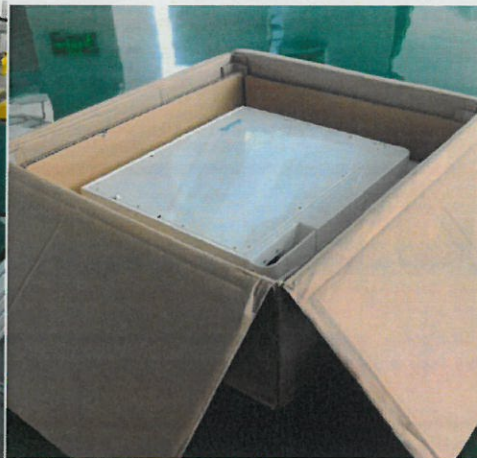
项目编号 Item No.		PEKSZ202101041992	生效日期 Effective Date	2021.01.04
鉴别目的 Identification Purpose		是否属于航空运输危险物品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2021.01.04
鉴别依据 Identification Criteria		IATA DGR 62nd, 2021		
物品名称 Name of Goods	中文 Chinese	可充电锂离子电池 GTX3000-H, 51.2V 50Ah 2500Wh		
	英文 English	Rechargeable Li-ion Battery GTX3000-H, 51.2V 50Ah 2500Wh		
生产厂家 Manufacturer		东莞首航新能源有限公司 Dongguan SOFAR SOLAR Co., Ltd.		
件数 Pieces		注：本栏内容为托运人或其代理人在使用本报告书时候填写的运输信息，不属于鉴定内容。运输信息与报告书的关联性以及实际运输货物与报告书的一致性由托运人或其代理人保证，如发生任何不一致由托运人或其代理人承担全部责任。 (请认真填写本栏内容，并盖章) 负责人： 联系方式：		
运单号 Air waybill No.				
目的港 Destination				
物品信息 Nature of the goods		该样品为白色近长方体电池。 型号：GTX3000-H 尺寸：515.0×478.8×125.0 mm 每包装件中电池/电芯数量：1 每包装件中电池/电芯净重：29.59kg 根据委托方所提供的声明：本报告所述锂离子电池（或电芯）交付运输时，其荷电状态不超过设计额定容量的30%。 (注：该锂电池不属于召回的锂电池且按照DGR3.9.2.6 (e)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。单块电池的重量约为29.59kg。该电池的UN38.3报告由广东联鼎检测科技有限公司出具，报告编号：PNS20121810 02001。) 该电池的UN38.3试验概要由广东联鼎检测科技有限公司出具，详见附页。 This sample is white almost cuboid battery. Model: GTX3000-H Size: 515.0×478.8×125.0 mm Number of batteries / cells per package: 1 Net quantity of batteries/cells per package: 29.59kg Lithium ion cells and batteries must be offered for transport at a state of charge(SoC) not exceeding 30% of their rated design capacity.		



项目编号 Item No.		PEKSZ202101041992			
物品名称 Name of Goods	中文 Chinese	可充电锂离子电池 GTX3000-H, 51.2V 50Ah 2500Wh			
	英文 English	Rechargeable Li-ion Battery GTX3000-H, 51.2V 50Ah 2500Wh			
鉴别结论 Conclusions		该货物为锂离子/聚合物电池, 单独包装。额定瓦特小时为2500Wh。已通过 UN38.3 测试。 参考有关资料, 根据DGR有关规定, 该物质分类识别为第9类(或项)危险品, UN3480。 This goods is lithium ion/polymer battery, packed individually. Watt-hour rating is 2500Wh. 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. According to IATA DGR this substance is classified as dangerous goods Class (or division)9, UN3480.			
建议运输 条件 Suggestion for Transport Condition	UN/ID 编号 UN/ID No.	运输专用名称 Proper Shipping Name		类或项 Class or Div. (次要危险性) (Subsidiary Risk)	包装等级 Packing Group
	UN3480	Lithium ion batteries		9	
	包装说明 Packing Inst.	客货机 Passenger and Cargo Aircraft	Forbidden		
		仅限货机 Cargo Aircraft only	965 IA		
注意事项 Remarks	包装必须达到II级包装的性能标准 Packagings must meet Packing Group II performance standards.				
主检员 Prepared by:		审核人 Checked by:		批准人 Approved by:	
邓磊		王明		杨帆	
		报告单位(盖章) Stamp		DGM-CHINA	

制单: 王晓慢





AMASS STORE Rechargeable Li-ion Battery

IFpP/41/150/102/[1P16S]M/-10+50/95

Model: GTX3000-H

Ratings: 2500Wh/51.2V/50Ah

Charge Voltage: 56.16V

Max. Output Power: 1.5kW

AMASSSTORE

Shenzhen SOFARSOLAR Co., Ltd.

401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, Guangdong, P.R. China

CAUTION !

- Do not disassemble
- Do not short-circuit
- Do not place in fire or near hot source
- Please read user manual carefully

IEC 62040-1 IEC 62619 SAAxxxxxx UN 38.3

CE

DANGER !
CHEMICAL HAZARD & SHOCK HAZARD

- Do not disassemble or repair by yourself.
- Do not drop, deform, impact, cut or spearing with a sharp object.
- Do not place near open flame or incinerate.
- Do not put any objects onto the battery.
- Do not allow to contact with liquid.
- Keep out of reach of children, animals or insects.
- Contact the supplier within 24 hours if anything wrong.

WARNING !

Stop the battery operation immediately to secure the battery safety when environmental temperature is over working temperature (suitable operation temperature is 0-45°C).

If battery is at high temperature usually, it will impact battery performance.

此报告本
有效期至2021

分类专用章
CHINA

Lithium Cells or Battery Test Summary 锂电池或锂电池组测试概要



Battery Factory/ 电池生产商:	Dongguan SOFAR SOLAR Co., Ltd. 东莞首航新能源有限公司
Battery Factory Address/ 电池生产商地址:	1F-6F, Building E, No. 1 JinQi Road, Bihu Industrial Park, Wulian Village, Fenggang Town, Dongguan City. P.R. China 广东省东莞市凤岗镇五联村碧湖工业区金麟路一号E栋1至6层
Phone number /联系电话:	+86-755-26526757
E-mail/电子邮箱:	wanghui@sofarsolar.com
Website/公司网址:	http://cn.sofarsolar.com

Battery Type/ 电池类型:	Lithium ion battery/锂离子电池
Battery Rating/ 电池参数:	51.2V, 50Ah
Battery Physical description/ 电池描述:	White/白色, Quadrate shape/方形, 16S1P
Battery Model/ 电池型号:	GTX3000-H
Battery Weight/ 电池重量(g):	29591g
Battery Watt-hour Rating/ 电池瓦时(Wh):	2500Wh
Battery Lithium content/ 锂金属含量(g):	--

Above Lithium cells or battery have been successfully tested and comply with the UN Manual of Tests and Criteria Part III Subsection 38.3, Rev.6/Amend.1. Test information as below:

上述电池已经通过测试并通过联合国《关于危险品货物运输的建议书》试验和标准手册第六修订版修正1, 38.3 节: 锂电池. 测试信息如下:

Test Items/测试项目		Result/测试结果
38.3.4.1	T.1: Altitude simulation/高度模拟	Pass/通过
38.3.4.2	T.2: Thermal test/温度测试	Pass/通过
38.3.4.3	T.3: Vibration/振动测试	Pass/通过
38.3.4.4	T.4: Shock/冲击测试	Pass/通过
38.3.4.5	T.5: External short circuit/外部短路	Pass/通过
38.3.4.6	T.6: Crush/挤压	Pass/通过
38.3.4.7	T.7: Overcharge/过充电	Pass/通过
38.3.4.8	T.8: Forced discharge/强制放电	Pass/通过

* Not Applicable for 38.3.3(f), 38.3.3(g)/不适用 38.3.3(f), 38.3.3(g)测试要求

As shown in the Test Report Ref. No. which form part of this test summary/ 如下测试报告是本测试概要的一部分

Test Report Number/测试报告号码:	PNS20121810 02001	Issued Date/发布日期:	2020-12-24
Test laboratory/ 测试实验室:	GUANGDONG UTL CO., LTD. 广东联鼎检测科技有限公司		
Test laboratory address/ 测试实验室地址:	Lianding Testing Building, No.18 Center Road of Yayuan Industrial Zone, Nancheng District, Dongguan, Guangdong, China. 东莞市南城街道雅园工业区中心路18号联鼎检测大厦		
Test Summary information Prepared by / 测试概要出具:		Approved by / 批准:	
Sunny Yan / Project Engineer 鄢倩倩 / 项目工程师		Sophie Wu / Chief Engineer 吴娟 / 主管工程师	

GUANGDONG UTL CO LTD. (广东联鼎检测科技有限公司)

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