



中国认可
检验
INSPECTION
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

危险物品
(Dangerous Goods)

此报告本年度有效
有效期至2020年12月31日

报告编号:

SEKSZ202007238416ZM910001

Issued No:

签发日期:

2020.07.23

Issued Date:

委托单位:

深圳市首航新能源有限公司

Applicant:

Shenzhen SOFAR SOLAR Co.,Ltd.

物品名称:

可充电锂离子电池 GTX5000

Name of Goods:

Rechargeable Li-ion Battery GTX5000

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Development Co.,Ltd.



报告书使用约定

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1. 本公司依据委托人（托运人或其代理人）提供的物品及其运输信息，确定货物的运输条件并出具此报告书。

The report is issued by DGM China according to 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.

3. 委托人保证申报的物品和/或提供的样品与交运的货物是同一种物质。

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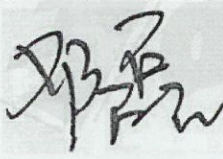
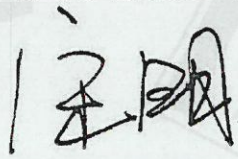


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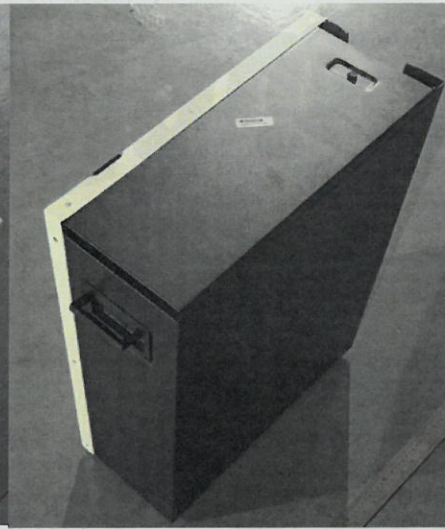
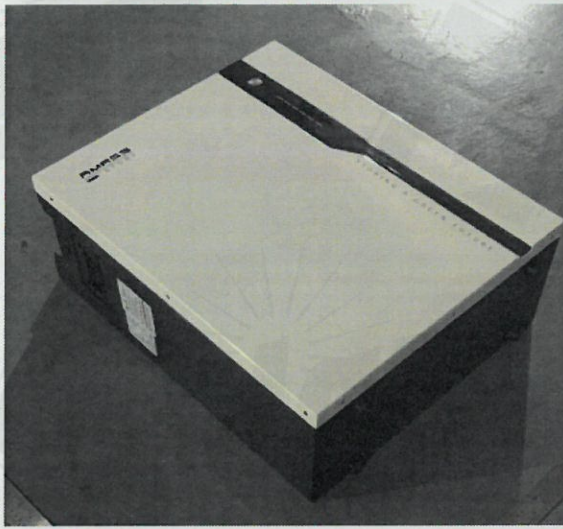
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|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 项目编号 Item No. | SEKSZ202007238416 | | |
| 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 | 2020.07.23-2020.07.23 |
| 鉴别依据 Identification Criteria | IMDG CODE (Amdt 39-18) | | |
| 物品名称 Name of Goods | 中文名称 Name of Chinese | 可充电锂离子电池 GTX5000 | |
| | 英文名称 Name of English | Rechargeable Li-ion Battery GTX5000 | |
| 生产厂家 Manufacturer | 东莞首航新能源有限公司 Dongguan SOFAR SOLAR Co., Ltd. | | |
| 物品信息 Nature of Goods | <p>该物品为锂离子电池，黑白杂色，近长方体，尺寸：605.0×211.5×480.0mm。 型号/族号：GTX5000 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55kg。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：PNS2007002101001。) 该电池的UN38.3试验摘要由广东联鼎检测科技有限公司出具，详见附页。 The goods are lithium ion batteries, black and white, almost cuboid, Size: 605.0×211.5×480.0mm. Model/Group: GTX5000 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 | 审核人 Checker | 批准人 Approver | 报告单位 (盖章) Stamp |
|  |  |  |  |



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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------|---------------------------|
| 项目编号 Item No. | | SEKSZ202007238416 | |
| 物品名称 Name of Goods | 中文名称 Name of Chinese | 可充电锂离子电池 GTX5000 | |
| | 英文名称 Name of English | Rechargeable Li-ion Battery GTX5000 | |
| 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 | / | | |

出单：王晓慢





此报告
有效期

| | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|
| | Rechargeable Li-Ion Battery | | | DANGER ! CHEMICAL HAZARD & SHOCK HAZARD |
| IFpP/34/201/173/[1P16S]M-10+50/95 | | <ul style="list-style-type: none"> • 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. | | |
| Model: | GTX5000 | | | |
| Ratings: | 5120Wh/51.2V/100Ah | | | |
| Charge Voltage: | 56.16V | WARNING ! | | |
| Max. Output Power: | 3.5KW | 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. | | |
| AMASSSTORE | | | | |
| Manufacturer: | | | | |
| Shenzhen SOFAR SOLAR Co., Ltd. | | CAUTION ! | | |
| 401, Building 4, AnTongDa Industrial Park, District 68, XingDong Community, XinAn Street, BaoAn District, Shenzhen, GuangDong, P.R. China | | <ul style="list-style-type: none"> • 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 UN 38.3 SAAxxxxxx | | | | |

公司识别分类专用章

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



| | |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Battery Manufacturer/ 电池生产商: | Dongguan SOFAR SOLAR Co., Ltd. 东莞首航新能源有限公司 |
| Battery Manufacturer 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: | wanghai@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, 100Ah |
| Battery Physical description/ 电池描述: | White+Black/白色+黑色, Quadrate shape/方形, 16S1P |
| Battery Model/ 电池型号: | GTX5000 |
| Battery Weight/ 电池重量(g): | 55000g |
| Battery Watt-hour Rating/ 电池瓦时(Wh): | 5120Wh |
| 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: | PNS20070021 01001 | Issued Date/发布日期: | 2020-07-17 |
| 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 | | |

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