



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: PEKSZ202102013805ZC240001
Issued No.:
签发日期: 2021. 02. 01
Issued Date:

此报告本年度有效
有效期至2021年12月31日

委托单位: 深圳宏赛能源有限公司
Applicant: Shenzhen Honcell Energy Co., Ltd
物品名称: LiFePO4 圆柱形可充电电池 HCF18650ZC-1S4P 3.2V 8000mAh 25.6Wh
Name of Goods: LiFePO4 Cylindrical Rechargeable Battery HCF18650ZC-1S4P 3.2V 8000mAh 25.6Wh

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.

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。

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.

4. 本公司仅对样品的鉴别结果负责。

DGM China is only responsible for the identification and classification of the sample provided by the applicant.

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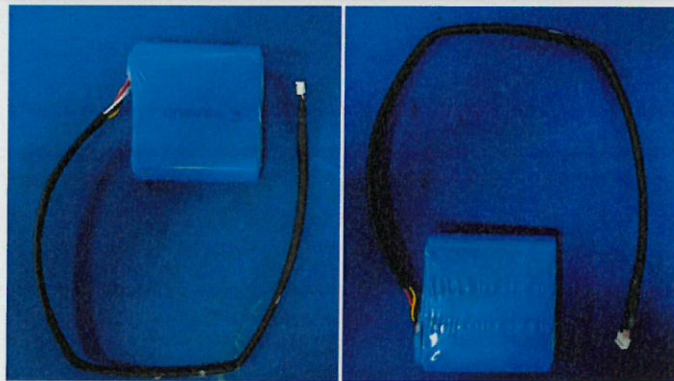
| | | | | |
|--|-----------------------|---|-----------|--|
| 项目编号 Item No. | | PEKSZ202102013805 | | |
| 物品名称 Name of Goods | 中文 Chinese | LiFePO4 圆柱形可充电电池 HCF18650ZC-1S4P 3.2V 8000mAh 25.6Wh | | |
| | 英文 English | LiFePO4 Cylindrical Rechargeable Battery HCF18650ZC-1S4P 3.2V 8000mAh 25.6Wh | | |
| 鉴别结论 Conclusions | | <p>该货物为锂离子/聚合物电池，单独包装。额定瓦特小时为25.6Wh。已通过 UN38.3 测试，已通过包装件1.2米跌落试验，每个包装件上均有锂电池标记。</p> <p>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 25.6Wh.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,Each package is capable of withstanding a 1.2m drop test in any orientation without damage to the cells contained therein, without shifting of the contents so as to allow cell to cell contact and without release of contents,Each package is marked with lithium battery mark.</p> <p>According to IATA DGR this substance is classified as dangerous goods Class (or division)9,UN3480.</p> | | |
| 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) |
| | 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 IB | |
| | 注意事项 Remarks | <p>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.</p> | | |
| 主检员 Prepared by: | 陈晓丹 | 审核人 Checked by: | 宋明 | 批准人 Approved by: |
| | | | | 报告单位 (盖章) Stamp |

制单： 陈晓丹





此报有效



+ HCF186502C-194P
- 10.80V 8000mAh 25 6Wh

分类专用章
06
M-CHINA



编号 No.: ZKS210100981-2

UN38.3 测试概要 UN38.3 Test Summary

电池信息 Battery information

| | | | |
|-------------------------|---|---------------------------------|----------------------------------|
| 产品名称 Product Name | LiFePO4 圆柱形可充电电池 LiFePO4 Cylindrical Rechargeable Battery | 型号规格 Model And Specification | HCF18650ZC-1S4P 3.2V, 8000mAh |
| 额定能量 Watt-hour | 25.6Wh | 锂含量 Lithium Content | - |
| 产品质量 Mass | 197.327g | 产品形状 Shape | 棱柱形 Prismatic |
| UN38.3 编号 UN38.3 NO. | ZKS210100981-1 | 签发日期 Issue date | 2021-01-30 |
| 产品类型 Type | <input checked="" type="checkbox"/> 锂离子电芯或电池 Lithium ion cell or battery <input type="checkbox"/> 锂金属电芯或电池 Lithium metal cell or battery | | |

单位信息 Company information

| | | | | | |
|---------------------------------|--------------------|--|-----------------------|----------------------|---------------|
| 委托单位信息 Consignor Information | 名称 Name | 深圳宏赛能源有限公司 Shenzhen Honcell Energy Co., Ltd. | | | |
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| 工厂信息 Factory Information | 名称 Name | 深圳宏赛能源有限公司 Shenzhen Honcell Energy Co., Ltd. | | | |
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| 测试单位 Test lab | 名称 Name | 东莞市中认联科检测技术有限公司 Dongguan ZRLK Testing Technology Co., Ltd. | | | |
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| | 电话 Phone number | +86-769-26621775 | 邮箱地址 Email address | Marketing@zrklab.com | 网址 Website |

测试信息 Test information

| | | | | | | | |
|-----------------------------------|--------------|-------------------------|--------------|-----------------------|--------------|-----------------------------|--------------|
| T1 高度模拟 Altitude simulation | 合格 Passed | T2 温度试验 Thermal test | 合格 Passed | T3 振动 Vibration | 合格 Passed | T4 冲击 Shock | 合格 Passed |
| T5 外部短路 External short-circuit | 合格 Passed | T6 重物冲击 Impact | 合格 Passed | T7 过度充电 Overcharge | 合格 Passed | T8 强制放电 Forced discharge | 合格 Passed |
| UN38.3.3 (f) | | 不适用 N/A | | UN38.3.3 (g) | | 不适用 N/A | |

测试方法
和判定标准
Test method and criterion

联合国《关于危险货物运输的建议书 试验和标准手册》
ST/SG/AC.10/11/Rev.6/Amend 1, 38.3
UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS"
Manual of Tests and Criteria
ST/SG/AC.10/11/Rev.6/Amend 1, 38.3

| | | |
|-----------------------------------|-------------------------------------|--|
| 编制(职位) Compiler: (Position) | 孙纤 Jacky Sun (Test Engineer) | |
| 审核(职位) Checker: (Position) | 彭鹏 Barry Peng (Item Engineer) | |
| 批准(职位) Approver: (Position) | 马孝琴 Ailis Ma (Approved by) | |

