



中国认可  
检验  
INSPECTION  
CNAS IB0078

危险物品  
DANGEROUS GOODS

## 航空运输条件鉴别报告书

### Identification and Classification Report for Air Transport of Goods

此报告本年度有效  
有效期至2023年12月31日

报告编号: PEKGZ202305124749LW920001

Issued No.:

生效日期:

2023. 05. 15

Effective Date:

委托单位: 猎光照明科技(深圳)有限公司

Applicant: Astera Manufacturing Ltd

物品名称: 聚光灯 AF250 (内置可充电锂离子电池组 AF250-BAT 39.985V 14000mAh 559.79Wh)

Name of Goods: LeoFresnel AF250 (Containing Rechargeable Li-ion Battery Pack AF250-BAT 39.985V 14000mAh 559.79Wh)

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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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).
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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<br>Item No.                | PEKGZ202305124749  | 签发日期<br>Issued Date   | 2023.05.15 |
| 鉴别目的<br>Identification Purpose  | 是否属于航空运输危险物品<br>Dangerous Goods or not restricted  | 鉴别日期<br>Identification Date   | 2023.05.15 |
| 鉴别依据<br>Identification Criteria | IATA DGR 64th, 2023  |   |            |
| 物品名称<br>Name of Goods           | 中文<br>Chinese  | 聚光灯 AF250 (内置可充电锂离子电池组 AF250-BAT 39.985V 14000mAh 559.79Wh)   |            |
|                                 | 英文<br>English  | LeoFresnel AF250 (Containing Rechargeable Li-ion Battery Pack AF250-BAT 39.985V 14000mAh 559.79Wh)  |            |
| 生产厂家<br>Manufacturer            | 猎光照明科技(深圳)有限公司<br>Astera Manufacturing Ltd   |   |            |
| 件数<br>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。<br>(请认真填写本栏内容,并盖章)<br>负责人: 联系方式: |            |
| 运单号<br>Air waybill No.          |  |   |            |
| 目的港<br>Destination              |  |   |            |
| 物品信息<br>Nature of the goods     | <p>该样品为黑色近长方体电池。<br/>         型号: AF250-BAT<br/>         尺寸: (76.0*113.5*164.0) mm<br/>         每包装件中电池/电芯数量: 1<br/>         每包装件中电池/电芯净重: 2.35kg<br/>         该电池属于单芯锂电池。<br/>         该锂电池不属于召回电池,不属于废弃和回收电池,并按照DGR3.9.2.6.1(e)规定的质量体系进行制造<br/>         (注:该电池已经做好防短路措施并已采取防止意外启动措施。单块电池的重量约为2350g。设备:聚光灯;型号:AF250。每台设备内置1块电池,每包装件内含1台设备。)</p> <p>This sample is black almost cuboid battery.<br/>         Model: AF250-BAT<br/>         Size: (76.0*113.5*164.0) mm<br/>         Number of batteries / cells per package: 1<br/>         Net quantity of batteries/cells per package: 2.35kg<br/>         The batteries belong to single cell lithium batteries.<br/>         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, are manufactured under a quality management program as described in 3.9.2.6.1(e).</p> |   |            |



|   |                       |   |                     |  |                          |
|---|-----------------------|---|---------------------|--|--------------------------|
| 项目编号<br>Item No.  |                       | PEKGZ202305124749   |                     |  |                          |
| 物品名称<br>Name of Goods                                     | 中文<br>Chinese         | 聚光灯 AF250 (内置可充电锂离子电池组 AF250-BAT 39.985V 14000mAh 559.79Wh)   |                     |  |                          |
|   | 英文<br>English         | LeoFresnel AF250 (Containing Rechargeable Li-ion Battery Pack AF250-BAT 39.985V 14000mAh 559.79Wh)  |                     |  |                          |
| 鉴别结论<br>Conclusions                                       |                       | <p>该货物为锂离子/聚合物电池, 安装在设备上。额定瓦特小时为559.79Wh。已通过 UN38.3 测试。</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, UN3481。<br/>This goods is lithium ion/polymer battery, contained in equipment. Watt-hour rating is 559.79Wh. 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.</p> <p>According to IATA DGR this substance is classified as dangerous goods Class (or division) 9, UN3481.</p> |                     |  |                          |
| 建议运输<br>条件<br>Suggestion<br>for<br>Transport<br>Condition | UN/ID 编号<br>UN/ID No. | 运输专用名称<br>Proper Shipping Name  |                     | 类或项<br>Class or Div.<br>(次要危险性)<br>(Subsidiary Risk) | 包装等级<br>Packing<br>Group |
|   | UN3481                | Lithium ion batteries contained in equipment  |                     | 9  | /                        |
|   | 包装说明<br>Packing Inst. | 客货机<br>Passenger and Cargo Aircraft   | 967, I              |  |                          |
|   |                       | 仅限货机<br>Cargo Aircraft only   | 967, I              |  |                          |
|   | 注意事项<br>Remarks       | <p>电池或电芯必须加以保护, 防止短路。设备必须采取措施防止意外启动。<br/>Batteries or cells must be protected so as to prevent short circuits, and the equipment must be equipped with an effective means of preventing accidental activation.</p>  |                     |  |                          |
| 主检员<br>Prepared by:                                       | 审核人<br>Checked by:    |   | 批准人<br>Approved by: | 报告单位(盖章)<br>Stamp                                    |                          |
| 毕丽雯   |                       | 毕丽雯   |                     | 北京迪捷姆空运技术开发有限公司<br>DGM-CHINA                         |                          |

制单: 毕丽雯





北京迪捷姆空运技术开发有限公司

项目编号: PEKGZ202305124749

物品名称: 聚光灯 AF250 (内置可充电锂离子电池组 AF250-BAT 39.985V 14000mAh 559.79Wh)

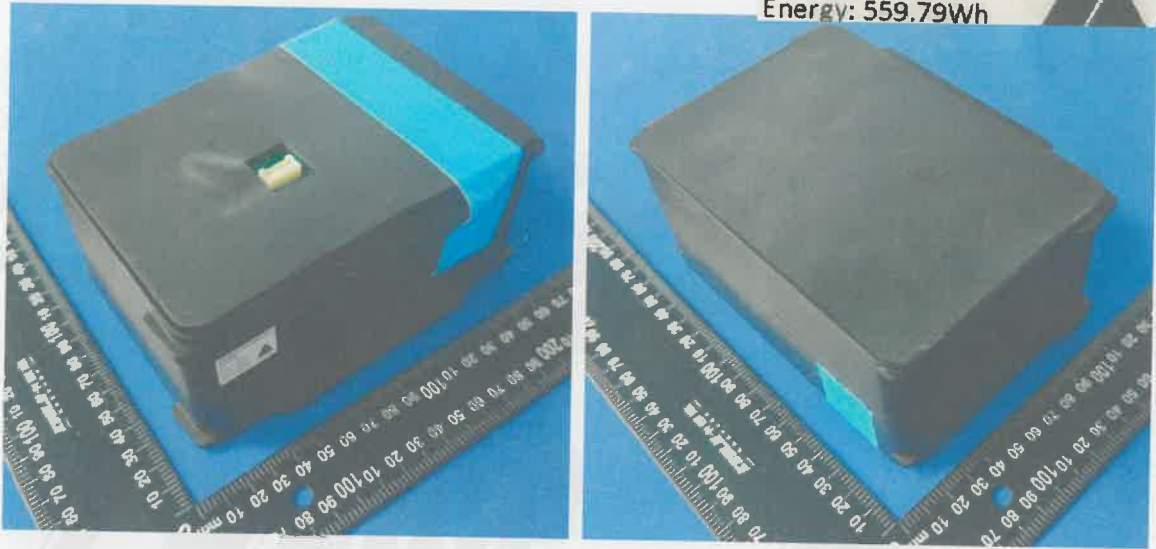
电池/电芯 Battery / Cell:

Rechargeable Li-Ion Battery Pack  
AF250-BAT

Capacity: 14000 mAh

Voltage: 39.985V

Energy: 559.79Wh



设备 Equipment:



包装件 Package:



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

项目编号: PEKGZ202305124749

| 单位信息 Company Information                                |  |  |                     |  |            |
|---|--|--|---------------------|--|------------|
| 委托单位<br>Consignor                                       | 猎光照明科技(深圳)有限公司<br>深圳市龙岗区布吉甘李六路7号科伦特科技园3栋4层<br>电话/Tel: +86 755 28237295 邮箱/Mail: sales@astera-led.com<br>网址/Website: www.astera-led.com |  |                     |  |            |
| 生产单位<br>Manufacturer                                    | 猎光照明科技(深圳)有限公司<br>深圳市龙岗区布吉甘李六路7号科伦特科技园3栋4层<br>电话/Tel: +86 755 28237295 邮箱/Mail: sales@astera-led.com<br>网址/Website: www.astera-led.com |  |                     |  |            |
| 测试单位<br>Test Lab  | 深圳阿尔法商品检验有限公司<br>广东省深圳市宝安区福永街道立新路2号i栋<br>电话/Tel: 4008-3008-95 邮箱/Mail: service@a-lab.cn<br>网址/Website: http://WWW.a-lab.cn             |  |                     |  |            |
| 电池信息 Battery Information                                |  |  |                     |  |            |
| 名称<br>Name  | 可充电锂离子电池组<br>Rechargeable Li-ion Battery Pack  | 电池/电芯类别<br>Battery/Cell Classification |                     | 锂离子电池<br>Li-ion Battery  |            |
| 型号<br>Type  | AF250-BAT  | 商标<br>Trademark                        |                     | /  |            |
| 额定电压<br>Normal Voltage                                  | 39.985V  | 额定容量<br>Rated Capacity                 |                     | 14000mAh   |            |
| 额定能量<br>Watt-hour rating                                | 559.79Wh   | 外观/Appearance                          |                     | 黑色近长方体<br>Approximate Black Cuboid   |            |
| 质量/Mass   | 2350g  | 锂含量/Li Content                         |                     | 不适用 N/A  |            |
| 测试信息 Test Information                                   |  |  |                     |  |            |
| 测试报告编号<br>Test Report Number                            | A2303298-C01-R01   | 测试报告签发日期<br>Date of Test Report        |                     | 2023-05-06   |            |
| 测试标准<br>Edition of UN Manual of Tests and Criteria Used | 联合国《试验和标准手册》(第7版修订1) 38.3 节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend1/Subsection 38.3                           |  |                     |  |            |
| T.1: 高度模拟<br>Altitude Simulation                        | 通过<br>Pass   | T.2: 温度试验<br>Thermal Test              | 通过<br>Pass          | T.3: 振动<br>Vibration   | 通过<br>Pass |
| T.4: 冲击<br>Shock  | 通过<br>Pass   | T.5: 外部短路<br>External Short Circuit    | 通过<br>Pass          | T.6: 撞击/挤压<br>Impact/Crush   | 通过<br>Pass |
| T.7: 过度充电<br>Overcharge                                 | 通过<br>Pass   | T.8: 强制放电<br>Forced Discharge          | 通过<br>Pass          |  |            |
| UN38.3.3(f)   | 不适用 N/A  |  | UN38.3.3(g)         |  |            |
| 签名<br>Signatory<br>职务<br>Title                          | <br>检验员   |  | 签发日期<br>Issued Date |  2023-05-12 |            |