



中国认可  
检验  
INSPECTION  
CNAS IB0078

锂电池

符合相关包装说明第II部分

## 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2022年12月31日

报告编号:

PEKSZ202209191945FL450001

Issued No.:

生效日期:

2022. 09. 20

Effective Date:

委托单位:

深圳市旺坤光电技术有限公司

Applicant:

AOK Industrial Company Limited

物品名称:

太阳能灯具 AOK-10WsC-DC (内置磷酸铁锂电池 LFP 12. 8V6Ah76. 8WH)

Name of Goods:

Solar Street Light AOK-10WsC-DC (Containing Lithium iron phosphate Battery LFP 12. 8V6Ah76. 8WH)

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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|                                              |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     |                                                      |                       |
|----------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------|-----------------------|
| 项目编号<br>Item No.                             |                       | PEKSZ202209191945                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     |                                                      |                       |
| 物品名称<br>Name of Goods                        | 中文<br>Chinese         | 太阳能灯具 AOK-10WsC-DC (内置磷酸铁锂电池 LFP 12.8V6Ah76.8WH)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                                                      |                       |
|                                              | 英文<br>English         | Solar Street Light AOK-10WsC-DC(Containing Lithium iron phosphate Battery LFP 12.8V6Ah76.8WH)                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                                                      |                       |
| 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76.8Wh。已通过 UN38.3 测试，每个包装件上均有锂电池标记。</p> <p>根据IATA DGR，锂离子电池符合包装说明967第II部分。</p> <p>This goods is lithium ion/polymer battery, contained in equipment. Watt-hour rating is 76.8Wh. 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 marked with lithium battery mark.</p> <p>According to IATA DGR, lithium ion batteries in compliance with Section II of PI 967.</p> |                     |                                                      |                       |
| 建议运输条件<br>Suggestion for Transport 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 Group |
|                                              | /                     | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                     | /                                                    | /                     |
|                                              | 包装说明<br>Packing Inst. | 客货机<br>Passenger and Cargo Aircraft                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | /                   |                                                      |                       |
|                                              |                       | 仅限货机<br>Cargo Aircraft only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | /                   |                                                      |                       |
|                                              | 注意事项<br>Remarks       | 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.                                                                                                                                                                                                                                                                                                     |                     |                                                      |                       |
| 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                                   |                       |

制单： 冯柳



# 太阳能灯具 AOK-10WsC-DC（内置磷酸铁锂电池 LFP 12.8V6Ah76.8WH）

PEKSZ202209191945



Lithium iron phosphate Battery(LiFePO4)  
LFP 12.8V6AH76.8WH

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

项目编号: PEKSZ202209191945

## 单位信息 Company Information

|                      |                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 委托单位<br>Consignor    | 深圳市旺坤光电技术有限公司<br>AOK Industrial Company Limited                                                                                                                                                                                                                                                                                                                                  |
| 生产单位<br>Manufacturer | 深圳市鹏诚新能源科技有限公司东莞分公司<br>Dongguan Branch of Shenzhen PCHNE technology Co., Ltd<br>广东省东莞市虎门镇路东长兴路 1 号 2 栋 101 室<br>Room 101, building 2, No. 1, Changxing Road, Ludong Community, Humen Town, Dongguan City, Guangdong Province, China.<br>电话/Tel: 0755-36610071 邮箱/Mail: ping.bu@pchne.com<br>网址/Website: http://pchne.com/                                                        |
| 测试单位<br>Test Lab     | 深圳立讯检测股份有限公司<br>Shenzhen LCS Compliance Testing Laboratory Ltd.<br>广东省深圳市宝安区沙井街道衙边学子围巨基工业园 A 栋 101、201, C 栋 301<br>Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China<br>电话/Tel: +(86) 0755-8259 1330 邮箱/Mail: webmaster@lcs-cert.com<br>网址/Website: http:// www.lcs-cert.com |

## 电池信息 Battery Information

|                          |                                          |                                        |                         |
|--------------------------|------------------------------------------|----------------------------------------|-------------------------|
| 名称<br>Name               | 磷酸铁锂电池<br>Lithium iron phosphate Battery | 电池/电芯类别<br>Battery/Cell Classification | 锂离子电池<br>Li-ion Battery |
| 型号<br>Type               | LFP 12.8V6Ah76.8WH                       | 商标<br>Trademark                        | /                       |
| 额定电压<br>Normal Voltage   | 12.8V                                    | 额定容量<br>Rated Capacity                 | 6Ah                     |
| 额定能量<br>Watt-hour rating | 76.8Wh                                   | 外观/Appearance                          | 蓝色长方体<br>Blue Cuboid    |
| 质量/Mass                  | 650.3g                                   | 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                            |  | LCS220420127ASA                                                                                                 |                                     | 测试报告签发日期<br>Date of Test Report |                            | 2022-09-16 |  |
| 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)                     |                            | 不适用 N/A    |  |
| 签名<br>Signatory<br>职务<br>Title                          |  | 曾平<br>检验员                                                                                                       |                                     | 签发日期<br>Issued Date             |                            | 2022-09-19 |  |

此报告  
有效期至

米里里

CHINA

