



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2020年12月31日

报告编号: PEKSZ202004151595DJ800001

Issued No.:

签发日期: 2020. 04. 16

Issued Date:

委托单位: 深圳市宝利根精密仪器有限公司

Applicant: POLYGON MANUFACTURING LIMITED

物品名称: 便携式硬度计HN-D (内含锂离子聚合物电池501225)

Name of Goods: PORTABLE HARDNESS TESTER HN-D (CONTAINING LI-ION POLYMER BATTERY 501225)

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

## Terms of the Using of the Report

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.

5. 本报告书经主检员、审核人和批准人签字并加盖本公司印章后生效。

This report will be effective only after it is signed by the inspector, checker and approver, and stamped by DGM China.

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This report is only valid within the year in which the IATA *Dangerous Goods Regulations* is effective.

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|                                 |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             |
|---------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 项目编号<br>Item No.                |               | PEKSZ202004151595                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |
| 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<br>2020. 04. 15 |
| 鉴别依据<br>Identification Criteria |               | IATA DGR 61st, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                             |
| 物品名称<br>Name of Goods           | 中文<br>Chinese | 便携式硬度计HN-D (内含锂离子聚合物电池501225)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |
|                                 | 英文<br>English | PORTABLE HARDNESS TESTER HN-D (CONTAINING LI-ION POLYMER BATTERY 501225)                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |
| 生产厂家<br>Manufacturer            |               | 东莞市金赛尔电池科技有限公司<br>Dongguan Golden CEL Battery Co., 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     |               | 该样品为银色长方体电芯。<br>型号: 501225<br>尺寸: 27×12.5×5.2 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: 0.00258kg<br>(注: 该锂电芯不属于召回的锂电芯且按照DGR3.9.2.6 (e)规定的质量体系进行制造。同时, 该电芯已经做好防意外启动措施。单块电芯的重量约为2.58g。该电芯的UN38.3报告由东莞市华检电磁技术有限公司出具, 报告编号: DGCTL202003190007A。每一设备内置电芯一块。)<br>该电池的UN38.3试验概要由东莞市华检电磁技术有限公司出具, 详见附页。<br>This sample is silver cuboid cell.<br>Model: 501225<br>Size: 27×12.5×5.2 mm<br>Number of batteries / cells per package: 1<br>Net quantity of batteries/cells per package: 0.00258kg |                                             |





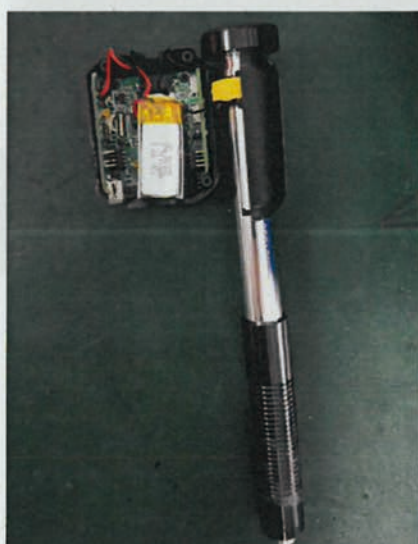
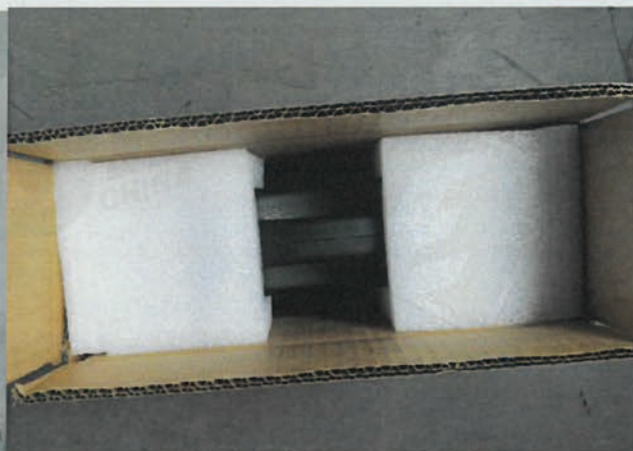
|                                                           |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                                                      |                          |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------|--------------------------|
| 项目编号<br>Item No.                                          |                       | PEKSZ202004151595                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     |                                                      |                          |
| 物品名称<br>Name of Goods                                     | 中文<br>Chinese         | 便携式硬度计HN-D（内含锂离子聚合物电池501225）                                                                                                                                                                                                                                                                                                                                                                                                                                           |                     |                                                      |                          |
|                                                           | 英文<br>English         | PORTABLE HARDNESS TESTER HN-D(CONTAINING LI-ION POLYMER BATTERY 501225)                                                                                                                                                                                                                                                                                                                                                                                                |                     |                                                      |                          |
| 鉴别结论<br>Conclusions                                       |                       | <p>该货物为锂离子/聚合物电芯，安装在设备上。额定瓦特小时为0.4Wh。已通过 UN38.3 测试，每个包装件上均有锂电池标记。</p> <p>锂离子电池符合包装说明967第II部分。</p> <p>This goods is lithium ion/polymer cell, contained in equipment. Watt-hour rating is 0.4Wh. 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>lithium ion batteries in compliance with Section II of PI 967.</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 |
|                                                           | /                     | /                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                     | /                                                    | /                        |
|                                                           | 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： 邓磊







此报  
有效期

光安用章  
CHINA





## UN38.3 测试概要 UN38.3 Test Summary

| 单位信息 Company Information                                       |                                                                                                                                                                                                                                               |                                    |                             |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------|
| 申请商<br>Applicant                                               | 深圳市宝利根精密仪器有限公司<br>POLYGON MANUFACTURING LIMITED<br>深圳市宝安区西乡街道黄田社区杨背恒昌荣工业区三期十一栋六楼A区<br>A Zone 6th Floor 11 Building 3th Section of YangBei, (HengChangRong) Industrial Park<br>Huangtian Village Xixiang, Town Bao'an District Shenzhen, China |                                    |                             |
| 制造商<br>Manufacturer                                            | 深圳市晶昊能源科技有限公司<br>SHENZHEN JINGHAO ENERGY TECHNOLOGY CO., LTD<br>深圳市龙华区大浪街道新石社区石凹村第二工业区4号4层<br>4/F, 4# The 2nd industrial Zon, ShiAo Village, XinShi Community, DaLang Stree, LongHua District, Shenzhen                                       |                                    |                             |
|                                                                | 0755-28032911                                                                                                                                                                                                                                 | bill@jhbattery.com                 | www.jhbattery.com           |
| 测试实验室<br>Test Lab                                              | 东莞市华检电磁技术有限公司<br>Dongguan CTL Electromagnetic Technology Co., Ltd.<br>东莞松山湖高新技术产业开发区总部二路2号一区1栋2号楼107号<br>Room 107, No.2, Block 1, Area 1, Headquarters Road No.2, Songshanhu Hi-tech Development Zone, Dongguan, Guangdong, P.R. China.       |                                    |                             |
|                                                                | +86-0769-22893710                                                                                                                                                                                                                             | dgctl@dgctl-lab.com                | www.dgctl-lab.com           |
| 电池信息 Battery Information                                       |                                                                                                                                                                                                                                               |                                    |                             |
| 名称<br>Name                                                     | 锂离子聚合物电池<br>Li-ion Polymer Battery                                                                                                                                                                                                            | 品牌<br>Brand                        | -                           |
| 型号<br>Type                                                     | 524350                                                                                                                                                                                                                                        | 外观<br>Appearance                   | 银色, 袋状<br>Silvery and Pouch |
| 标称电压<br>Nominal voltage                                        | 3.7V                                                                                                                                                                                                                                          | 额定容量/能量<br>Rated capacity / Energy | 1400mAh, 5.18Wh             |
| 描述<br>Description                                              | 锂离子电芯<br>Lithium Ion Cell                                                                                                                                                                                                                     | 锂含量<br>Li content                  | /                           |
| 重量<br>Mass                                                     | 大约 23.65g<br>Approx.23.65g                                                                                                                                                                                                                    | 尺寸<br>Dimensions                   | 5.3±0.2mm × 43±1mm × 52±1mm |
| 测试信息 Test Information                                          |                                                                                                                                                                                                                                               |                                    |                             |
| 测试报告编号<br>Test Report Number                                   | DGCTL202003190008A                                                                                                                                                                                                                            | 测试报告日期<br>Date of Test Report      | 2020-04-08                  |
| 测试标准<br>Test Standard                                          | 联合国《关于危险货物运输的建议书 试验和标准手册》第38.3章第六版修订1<br>ST/SG/AC.10/11/Rev.6/Amend.1/Section 38.3                                                                                                                                                            |                                    |                             |
| T.1: Altitude simulation<br>高度模拟                               | 合格<br>PASS                                                                                                                                                                                                                                    | T.2: Thermal test<br>温度测试          | 合格<br>PASS                  |
| T.3: Vibration<br>振动                                           | 合格<br>PASS                                                                                                                                                                                                                                    | T.4: Shock<br>冲击                   | 合格<br>PASS                  |
| T.5: External short circuit<br>外接短路                            | 合格<br>PASS                                                                                                                                                                                                                                    | T.6: Crush or Impact<br>挤压或撞击      | 合格<br>PASS                  |
| T.7 Overcharge<br>过充电                                          | 合格<br>PASS                                                                                                                                                                                                                                    | T.8: Forced discharge<br>强制放电      | 合格<br>PASS                  |
| 38.3.3(f)                                                      | /                                                                                                                                                                                                                                             | 38.3.3(g)                          | /                           |
| Name and Title of Signatory<br>Cantic peng<br>Engineer manager |                                                                                                                                                                                                                                               |                                    |                             |

