



中国认可  
检验  
INSPECTION  
CNAS IB0078

危险物品  
DANGEROUS GOODS

## 航空运输危险性鉴别报告

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

此报告本年度有效  
有效期至2026年12月31日

报告编号:  
Issued No.: PEKSZ202603043084ZP080001

生效日期:  
Effective Date: 2026. 03. 06

委托单位: 深圳市越疆科技股份有限公司

Applicant: SHENZHEN DOBOT CORP LTD

物品名称: Dobot 轮式人形机器人 DT-AW-035-MX-00 (内置锂离子电池组 902-21700-14S11P 51.8V 55Ah 2849Wh)

Name of Goods: Dobot ATOM-W DT-AW-035-MX-00 (Containing Lithium-ion Battery Pack 902-21700-14S11P 51.8V 55Ah 2849Wh)

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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## 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，确定物品的航空运输危险性并出具此报告书。  
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 goods.
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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.                |               | PEKSZ202603043084                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 签发日期<br>Issued Date                                                                                                                                                       | 2026. 03. 06 |
| 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                                                                                                                                               | 2026. 03. 06 |
| 鉴别依据<br>Identification Criteria |               | IATA DGR 67th, 2026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                           |              |
| 物品名称<br>Name of Goods           | 中文<br>Chinese | Dobot 轮式人形机器人 DT-AW-035-MX-00 (内置锂离子电池组 902-21700-14S11P 51.8V 55Ah 2849Wh)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                           |              |
|                                 | 英文<br>English | Dobot ATOM-W DT-AW-035-MX-00 (Containing Lithium-ion Battery Pack 902-21700-14S11P 51.8V 55Ah 2849Wh)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                           |              |
| 生产厂家<br>Manufacturer            |               | 东莞市华辉时代新能源有限公司<br>DONGGUAN HUA-HUI TECHOL OGY LIMITED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                           |              |
| 件数<br>Pieces                    |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 托运人或托运人代理人声明<br><br>本人(本单位)声明:上述运输信息填写真实、准确,鉴别报告已获得委托单位的授权使用,实际运输的货物情况与本鉴别报告一致。如因信息填写错误、实际运输的货物情况与本鉴别报告不一致造成的一切后果,由本人(本单位)承担全部责任,并赔偿对承运人造成的全部损失。<br><br>托运人或托运人代理人签字: 盖章: |              |
| 运单号<br>Air waybill No.          |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                           |              |
| 目的港<br>Destination              |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                           |              |
| 物品信息<br>Nature of the goods     |               | <p>该样品为黑色长方体电池。<br/>型号: 902-21700-14S11P 尺寸: 332.0×216.0×196.0 mm<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。装有电池(或电芯)的包装件或完整的包装件经评估,能满足3m堆码试验的要求。<br/>(注:该电池已经做好防意外启动措施。单块电池的重量约为14.996kg。每包装件装一台设备,每一设备内置该电池一块。该设备另内置2块锂电池组 ER26500+SPC0920A/W和3块锂金属电芯,详见报告:PEKSZ202603040015。锂电池总重量为15.117kg。)</p> <p>This sample is black cuboid battery.<br/>Model: 902-21700-14S11P Size: 332.0×216.0×196.0 mm<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).Each package of cells or batteries or the completed package has been assessment,is capable of withstanding force applied to the top surface for a duration of 24 hours,equivalent to the total mass of identical packages if stacked to a height of 3m(including the sample).</p> |                                                                                                                                                                           |              |



|                                               |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |                                                      |                          |
|-----------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|--------------------------|
| 项目编号<br>Item No.                              |                       | PEKSZ202603043084                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |                                                      |                          |
| 物品名称<br>Name of Goods                         | 中文<br>Chinese         | Dobot 轮式人形机器人 DT-AW-035-MX-00 (内置锂离子电池组 902-21700-14S11P 51.8V 55Ah 2849Wh)                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                                      |                          |
|                                               | 英文<br>English         | Dobot ATOM-W DT-AW-035-MX-00 (Containing Lithium-ion Battery Pack 902-21700-14S11P 51.8V 55Ah 2849Wh)                                                                                                                                                                                                                                                                                                                                                                          |       |                                                      |                          |
| 鉴别结论<br>Conclusions                           |                       | <p>该物品为锂离子/聚合物电池, 安装在设备上。额定瓦特小时为2849Wh。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。</p> <p>This goods is lithium ion/polymer battery, contained in equipment. Watt-hour rating is 2849Wh. 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> |       |                                                      |                          |
| 运输危险性<br>建议<br>Suggestion<br>for<br>Transport | 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       | 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:                                  |                          |
| 曾平平                                           |                       | 1 王明                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       | 报告单位 (盖章)<br>Stamp                                   |                          |



制单: 曾平平



# Dobot 轮式人形机器人 DT-AW-035-MX-00（内置锂离子电池组 902-21700-14S11P 51.8V 55Ah 2849Wh）

PEKSZ202603043084



# 锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: PEKSZ202603043084

| 单位信息 Company Information                                |                                                                                                                                                                                                                                                            |                                        |                                    |                               |            |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|-------------------------------|------------|
| 委托单位<br>Consignor                                       | 深圳市越疆科技股份有限公司<br>SHENZHEN DOBOT CORP LTD                                                                                                                                                                                                                   |                                        |                                    |                               |            |
| 生产单位<br>Manufacturer                                    | 东莞市华辉时代新能源有限公司<br>DONGGUAN HUA-HUI TECH OLOGY LIMITED<br>广东省东莞市桥头镇茂盛路 27 号 3 楼 302 室<br>Room 302, Building 3, No. 27, Maosheng Road, Qiaotou Town, Dongguan City, Guangdong Province, China<br>电话/Tel: 13816441689 邮箱/Mail: liuxinhua@dobot-robots.com     |                                        |                                    |                               |            |
| 测试单位<br>Test Lab                                        | 深圳沃特检验集团股份有限公司<br>Waltek Testing Group Co., Ltd.<br>中国广东省东莞市厚街镇莞太路厚街段 77 号<br>No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China<br>电话/Tel: +86-769-2267 6998 邮箱/Mail: info@waltek.com.cn<br>网址/Website: www.waltek.com.cn |                                        |                                    |                               |            |
| 电池信息 Battery Information                                |                                                                                                                                                                                                                                                            |                                        |                                    |                               |            |
| 名称<br>Name                                              | 锂离子电池组<br>Lithium-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                                              | 902-21700-14S11P                                                                                                                                                                                                                                           | 商标<br>Trademark                        |                                    | /                             |            |
| 额定电压<br>Normal Voltage                                  | 51.8V                                                                                                                                                                                                                                                      | 额定容量<br>Rated Capacity                 |                                    | 55Ah                          |            |
| 额定能量<br>Watt-hour rating                                | 2849Wh                                                                                                                                                                                                                                                     | 外观/Appearance                          |                                    | 黑色长方体<br>Black Cuboid         |            |
| 质量/Mass                                                 | 14.996kg                                                                                                                                                                                                                                                   | 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                            | WTH25D12320937B                                                                                                                                                                                                                                            |                                        | 测试报告签发日期<br>Date of Test Report    | 2026-01-11                    |            |
| 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 8 版) 38.3 节<br>UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/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                         |                               |            |
| UN38.3.3.1(f)或/or<br>UN38.3.3.2(d)                      | 不适用 N/A                                                                                                                                                                                                                                                    |                                        | UN38.3.3.1(g)或/or<br>UN38.3.3.2(e) | 不适用 N/A                       |            |
| 签名<br>Signatory<br>职务<br>Title                          | 曾平平<br>检验员                                                                                                                                                                                                                                                 |                                        | 签发日期<br>Issued Date                | 2026.03.04<br>06<br>DGM-CHINA |            |