空运 By Air

危险品

仅限货机
CAO

NO.2120255763

中国认可
检验
INSPECTION
CNAS IB0071

# 货物运输条件鉴定书

# Certification for Safe Transport of Chemical Goods

## 危险品

样品名称： 锂聚合物电池组/锂离子电池/锂电池芯/锂电池/锂电池蓄电池，型号AP16B4J，电压：7.6V，容量：4490mAh 34Wh，品牌：ACER 料号：LIS2217ACPCAE/LIS2217ACPCA SY6

Sample name: Rechargeable Li-polymer Battery Pack

委托单位： 村田新能源（无锡）有限公司
Murata Energy Device Wuxi Co., Ltd

生产单位： 村田新能源（无锡）有限公司
Murata Energy Device Wuxi Co., Ltd

上海化工院检测有限公司
检验检测专用章

上化院 上海化工院检测有限公司
Shanghai Research Institute of Chemical Industry Testing Co., Ltd

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|---|---|---|
| 样品名称 Sample name | 中文 Chinese | 锂聚合物电池组/锂离子电池/锂电池芯/锂电池/锂电池蓄电池，型号AP16B4J，电压：7.6V，容量：4490mAh 34Wh，品牌：ACER 料号：LIS2217ACPCAE/LIS2217ACPCA SY6 |
| | 英文 English | Rechargeable Li-polymer Battery Pack |
| 委托单位 Consignor | | 村田新能源（无锡）有限公司<br>Murata Energy Device Wuxi Co., Ltd |
| 生产单位 Manufacturer | | 村田新能源（无锡）有限公司<br>Murata Energy Device Wuxi Co., Ltd |
| 检验方法、程序 Inspection method and procedure | | 国际航空运输协会《危险品规则》61版<br>IATA Dangerous Goods Regulations (DGR) 61st Edition |
| 样品外观 Sample appearance | | 黑色塑料薄膜外壳<br>Black Plastic film shell |
| 包装件信息 Package information | | 锂电池总净重≤10kg。<br>Lithium batteries total net weight≤10kg. |

| 序号 NO. | 电池种类 Battery type | 型号 Model | 容量Capacity /锂含量Li content | 放置方式 Placement |
|---|---|---|---|---|
| 1 | 可充电锂聚合物电池组 Rechargeable Li-polymer battery | AP16B4J | 4490mAh 34Wh | 电池单独运输 Battery only |

**鉴定结论 IDENTIFICATION CONCLUSION**

1. 危险性识别(Hazards identification)
杂项。
Miscellaneous.

2. 空运按照国际航空运输协会《危险品规则》办理的类项(Suggestion according to IATA DGR)
Shipping name:Lithium ion batteries
Class or division:9
UN Number:UN3480

3. 包装要求(Packaging requirements)
按包装说明965第IB部分要求办理。
The goods are packaged according to the Packaging Instruction 965 section IB.

仅限货机。
Cargo Aircraft Only.

检验日期: Inspection Date: 2019-12-28　　签发日期: Issue Date: 2019-12-28　　生效日期: Effective Date: 2020-01-01

| | |
|---|---|
| 备注 Comment | / |

批准 Approver: 范安　　审核 Checker: 董学雄　　主检 Appraiser: 顾杨幸

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| 序号 No. | 检验结果及其他事项 Inspection results and other things |
|---|---|
| 1 | 本报告所述锂电池按照《危险品规则》(61版)[以下简称DGR] 3.9.2.6.1(e)规定的质量管理体系进行制造。<br>本报告所述锂电池不属于因安全原因召回的锂电池。<br>本报告所述锂电池不进行以回收或处置为目的的航空运输，不属于废弃锂电池。<br>Lithium cells and batteries listed in this report were manufactured under the quality management programme as described in IATA DGR 61st 3.9.2.6.1(e).<br>Lithium cells and batteries listed in this report are not the defective cells or batteries returned to the manufacturer for safety reasons.<br>Lithium cells and batteries listed in this report are not waste lithium cells or batteries, and they will not be shipped for recycling or disposal. |
| 2 | 本报告所述锂电池已通过《联合国试验和标准手册》第III部分38.3小节相应测试要求。<br>包装件能够承受1.2m跌落试验。<br>Lithium cells and batteries listed in this report are of the types proven to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3.<br>The package has passed the 1.2m drop test.<br>UN38.3试验概要编号<br>The UN38.3 Test Summary No.(s)<br>811900100173095<br>详细信息请扫描右侧二维码。<br>Please scan the QR code on the right for more information. |
| 3 | 锂电池完全封装在内包装内，位于坚固的刚性外包装中。<br>电池具有适当的防短路措施。<br>Lithium cells and batteries are packed in inner packagings that completely enclose the cell or battery and placed in a strong rigid outer packaging.<br>Cells and batteries are properly protected to prevent short circuits. |
| 4 | 按DGR IB部分托运的电池必须根据第8部分规定在托运人申报单中描述；并且当使用航空货运单时，货运单必须包含8.2.1和8.2.2中相关适用要求。<br>Cells or batteries shipped under the provisions of Section IB in IATA DGR must be described on a Shipper's Declaration as set out in Section 8, and the air waybill, when used, must contain the applicable information required by 8.2.1 and 8.2.2. |
| 5 | 除使用9类锂电池危险性标签(DGR图7.3.X)外，每个包装件必须按DGR图7.1.C所示做耐久清晰的标记。<br>每个包装件必须按DGR7.1.4.1(a)和(b)要求标记，此外当7.1.4.1(c)有要求时还必须标明包装件净重。<br>每个包装件必须贴有“仅限货机”标签(DGR图7.4.B)。<br>Each package must be durably and legibly marked with the mark shown in Figure 7.1.C in IATA DGR in addition to the Class 9-Lithium Battery hazard label (Figure 7.3.X in IATA DGR).<br>Each package must be marked in accordance with the requirements of 7.1.4.1(a) and (b) in IATA DGR and in addition the net weight when required by 7.1.4.1(c) must be marked on the package.<br>Each package must be labelled with the "Cargo Aircraft Only" label(Figure 7.4.B in IATA DGR). |
| 6 | 根据委托单位声明，本报告所述锂离子电池交付运输时，其荷电状态必须不超过额定容量的30%。<br>According to the statement of the consignor, lithium ion cells and batteries listed in this report must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated capacity. |
| 7 | 电池不得与第1类爆炸品(1.4S项除外)，2.1项易燃气体，第3类易燃液体，4.1项易燃固体或5.1项氧化性物质等危险品包装在同一外包装或集合包装内。<br>Cells and batteries must not be packed in the same outer packaging or overpack with dangerous goods classified in Class 1 (explosives) other than Division 1.4S, Division 2.1 (flammable gases), Class 3 (flammable liquids), Division 4.1 (flammable solids) or Division 5.1 (oxidizers). |

-验证码:149963-

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***报告结束***