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Add: Tower B, No.66 Huacheng Avenue, Zhujiang Xincheng, Tianhe District, Guangzhou, China

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No: R01052000008274-1(E)

Date: 2020-12-30

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## 货物运输条件鉴定书

Certification for Safe Transport of Goods

### 第九类危险品

Dangerous Goods Class 9

样品名称: Battery-Box Premium Module

Sample Name: Battery-Box Premium Module

委托单位: 深圳比亚迪电子有限公司

Applicant: Shenzhen BYD Electronics Co., Ltd.



TIUQDFC4H0

广州海关技术中心  
检验检测专用章  
(05)

GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER

# 广州海关技术中心

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|  |           |  |             |                        |                              |                        |                   |
|--|-----------|--|-------------|------------------------|------------------------------|------------------------|-------------------|
| 货物名称<br>Goods Name                         |           | Battery-Box Premium Module   |             |                        |                              |                        |                   |
| 型号<br>Model                                |           | LVS  |             |                        |                              |                        |                   |
| 委托单位<br>Applicant                          |           | 深圳比亚迪电子有限公司<br>Shenzhen BYD Electronics Co., Ltd.  |             |                        |                              |                        |                   |
| 生产单位<br>Manufacture                        |           | 深圳比亚迪电子有限公司<br>Shenzhen BYD Electronics Co., Ltd.  |             |                        |                              |                        |                   |
| 检查方法、程序<br>Inspection Method and Procedure |           | 《国际海运危险货物规则》(39-18版)<br>IMO International Maritime Dangerous Goods Code (39-18 Edition)  |             |                        |                              |                        |                   |
| 样品外观<br>Sample Appearance                  |           | 白色金属外壳<br>White metal shell  |             |                        |                              |                        |                   |
| 包装件信息<br>Package Information               |           | 电池数量<br>Quantity   | 1个<br>1 PCS | 包装重量<br>Package Weight | 47.42Kg                      | 尺寸<br>Size             | 722mm×370mm×312mm |
| 电池信息<br>Battery Information                | 序号<br>No. | 类型<br>Type   | 型号<br>Model |                        | 瓦特-小时额定值<br>Watt-hour rating | 放置方式<br>Placement      |                   |
|  | 1         | 锂离子电池<br>Lithium ion batteries   | LVS         |                        | 4kWh                         | 只有电池<br>Batteries only |                   |
| 鉴定结论<br>Identification Conclusion          |           | <p>1. 危险性识别(Hazards identification): 第9类杂项危险物质/class or division is 9.</p> <p>2. 按照《国际海运危险货物规则》办理类项(Suggestion according to IMDG CODE)按危险货物条件办理。According to the conditions of Dangerous cargo handled. 运输专用名称: 锂离子电池。<br/>Proper shipping name: Lithium ion batteries.<br/>UN NO.: 3480.<br/>危险类别: 第9类 Class or division : 9<br/>包装类别: II UN Packing group II</p> <p>3. 包装要求(Packaging requirements): 根据包装导则 P903 办理。<br/>The goods are packaged according to the packaging instruction P903.</p> <p>检查日期(Inspection date): 2020-05-15~2020-06-18<br/>                 签发日期(Valid date): 2020-12-30<br/>                 报告有效期(Period of validity): 2021-01-01~2021-12-31</p> |             |                        |                              |                        |                   |
| 备注<br>Remark                               |           | <p>1. 每个包装件应贴有9类锂电池危险性标签。<br/>Each package must be labelled with a Class 9-Lithium Battery hazard label.</p> <p>2. 2020年12月22日所发第01052000008274-1(E)报告作废。<br/>The 01052000008274-1(E) report issued on Dec. 22, 2020 is invalid.</p>   |             |                        |                              |                        |                   |



批准  
Approver: 陆培强

审核  
Checker: 叶中轩

主检  
Appraiser: 程文彬



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#### 图片/Photo

|   |   |  |
|---|---|--|
|   |    |    |
| <p>包装件与电<br/>产品<br/>Package &amp;<br/>Product</p> |   |   |
|   |  | <p>Battery-Box Premium Module<br/>                 Model: LVS<br/>                 Battery designation: IFpP/47/174/122/16S/M/-20+50/90<br/>                 Nominal voltage: 51.2V<br/>                 Voltage range: 40~57.6V<br/>                 Max. continuous current: 65A<br/>                 Battery type: LiFePO<sub>4</sub><br/>                 Usable energy: 4kWh<br/>                 Rated capacity: 78.2Ah<br/>                 Operating temperature: -10°C~50°C<br/>                 Protective Class: I<br/>                 IP class: IP55</p>          <p>MADE IN CHINA</p> |

1. 未经签发机构书面同意, 不得部分引述或复制本报告。Without written permission of IQTC, this report shall not be quoted or reproduced except in full.

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| 序号<br>No.    | 检查结果及其他事项<br>Inspection results and other things  |
|--------------|---|
| 1            | <p>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。(证书编号: 01052000002635-1(E), UN38.3 试验概要: 01052000002635-2(E))。</p> <p>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. (Test Report No.: 01052000002635-1(E), UN38.3 test summary: 01052000002635-2(E)).</p> |
| 2            | <p>本报告所述锂电池按照《国际海运危险货物运输规则》(39-18版) 2.9.4 (5) 规定的质量管理体系进行制造。</p> <p>Lithium cells and batteries listed in this report were manufactured under the quality management programmer as described in IMDG CODE (Amdt.39-18) Edition 2.9.4(5).</p>  |
| 3            | <p>锂电池具有适当的防短路措施。</p> <p>Cells and batteries are properly protected so as to prevent short circuits.</p>  |
| 4            | <p>锂电池有适当的保护措施防止其在包装件内移位。</p> <p>Cells and batteries are properly protected so as to secure against movement within the outer package.</p>  |
| 5            | <p>每个包装件必须使用9类锂电池危险性标签(9A号)。</p> <p>Each package must be labelled with the Class 9-Lithium Battery hazard label (Model No.9A).</p>  |
| 6            | <p>2011年12月31日后制造的电池要在外壳上标明瓦时数。</p> <p>Batteries manufacture after 31 December 2011 must be marked with the Watt-hour rating on outside case.</p>   |
| 备注<br>Remark | <p>适用于海运。</p> <p>Be applicable to transport by sea</p>  |

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## 声 明 Statement

1. 本报告无检验单位公章无效。

The test report is invalid without the official stamp of IQTC.

2. 本报告无批准人、审核人及主检人签名无效。

The test report is invalid without the signatures of Approver, Checker and Appraiser.

3. 本报告涂改无效。未经本实验室书面同意, 不得部分地复制本报告。

The test report is invalid if altered. Nobody is allowed to photocopy or partly photocopy this report without written permission of IQTC.

4. 客户必须如实提供样品及资料, 并保证申报品名和样品以及运输货物相同, 否则本检测单位不承担任何相关责任。

The client should provide samples and relevant data, at the same time, they should guarantee the consistence of the product's name they declared, the samples they provided and the goods to be transported. Otherwise we will not bear any relevant responsibilities.

5. 对检验报告若有异议, 应于收到报告之日起十五天内向检验单位提出。

Objection to the test report must be submitted to IQTC within 15 days

6. 本报告仅对送检样品负责。

The test report is valid for the tested samples only.

7. 检验地址: 广东省广州市科学城南翔支路1号C102房(轻工科学城实验室)

Inspection Address: Room C102, No.1 Nanxiangzhi Road, Science City, Guangzhou, Guangdong, China (Light Industry Testing Laboratory in Science City)

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\* \* \* \* 报告结束 End of report \* \* \* \*