



中国认可
检验
INSPECTION
CNAS IB0551



Report No.
检验报告编号: **GDFLS20240206DI01**

Hazard and Classification Identification for Goods to be transported

拟运货物危险属性与分类鉴别报告

Goods to be transported
拟运货物

Lithium Iron Phosphate Battery
磷酸铁锂电池

Applicant
申请单位

Guangdong Felicity New Energy Co., Ltd
广东菲利斯新能源有限公司

Issued date
签发日期

2024-03-28

Inspection Engineer
检验工程师

Audit Engineer
审核工程师

Approval Engineer
批准工程师

广州邦禾检测技术有限公司
Guangzhou MCM Certification & Testing Co., Ltd.


Hazard and Classification Identification for Goods to be transported
拟运货物危险属性与分类鉴别报告**General Information 基本信息**

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|---------------------|---|
| Applicant 申请单位 | Guangdong Felicity New Energy Co., Ltd 广东菲利斯新能源有限公司 |
| | No. 2, Donghua Huaye Road, Renhe Town, Baiyun Area, Guangzhou 广州市白云区人和镇东华华业路 2 号 |
| Manufacture 制造单位 | Guangdong Felicity New Energy Co., Ltd 广东菲利斯新能源有限公司 |
| | No. 2, Donghua Huaye Road, Renhe Town, Baiyun Area, Guangzhou 广州市白云区人和镇东华华业路 2 号 |
| Factory 生产单位 | Guangdong Felicity New Energy Co., Ltd 广东菲利斯新能源有限公司 |
| | No. 2, Donghua Huaye Road, Renhe Town, Baiyun Area, Guangzhou 广州市白云区人和镇东华华业路 2 号 |

Description of products 产品说明

| | |
|--|---|
| Goods to be transported 拟运货物 | Lithium Iron Phosphate Battery 磷酸铁锂电池 |
| Model and rating 型号及额定值 | LUX-Y-48300LG01, 51.2V, 300Ah, 15kWh |
| ■ Description 1: The classification of intended cargos ■ 说明1: 拟运货物的分类..... | Lithium-ion Batteries 锂离子电池组 |
| ■ Description 2: If applicable, The energy (Wh-rating or Lithium content) ■ 说明 2: 如适用, 电池的能量(瓦时数或锂含量)为..... | 15kWh |
| ■ Description 3: If applicable, Batteries met the applicable requirements of clause 2.9.4 or sp238, in which those test report ■ 说明3: 如适用, 电池满足条款2.9.4或特殊规定238的相关要求, 其中相应的测试报告..... | LIBs of clause 2.9.4 条款 2.9.4 中的锂离子电池组 GDFLS20240206U01 |
| ■ Description 4: If vehicle powered by fuel, its fuel type and model ■ 说明4: 如车辆应用燃料, 其燃料的类型和型号..... | N/A |



Inspection and conclusion 检验与结论

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| Standard used 检验标准 | UN Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations Rev.22 联合国《关于危险货物运输的建议书 规章范本》(Rev.22) | | |
| Type 货物类型 | UN 3480, LITHIUM ION BATTERIES UN 3480, 锂离子电池组 | | |
| Class or Division 危险等级 | Class 9 9 类 | Label 标签 |  |
| Package group 包装类别 | PG II II 级包装 | | |
| Requirement 包装要求 | P903 | | |

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Photos of the Battery 电池照片
 LUX-Y-48300LG01, 51.2V, 300Ah, 15kWh



15kWh 51.2V
LiFePO4 Battery

Model

LUX-Y-48300LG01

Nominal Energy

15kWh

Nominal Voltage

51.2V

Nominal Capacity

300Ah

Maximun Continuous Charge/Discharge Current

150A

Scalability

Up to 15 units in parallel

Communication

RS485 / CAN

Cycle Life

≥6,000@25°C, 80% DOD

Protection Level



IP21

Working Temperature Range

Charge:0°C~+55°C

Discharge:-20°C~+55°C

CE

IFpP/73/175/208/[1P16S]M/-20+60/95

End of Report 报告结束

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| Declaration 声明 | |
|-------------------|--|
| 1. | This inspection report is invalid without special inspection seal and cross-page seal of Guangzhou MCM Certification & Testing Co., Ltd. 本检验报告无广州邦禾检测技术有限公司检验专用章、骑缝章无效。 |
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| 4. | This inspection report is invalid if altered. 本检验报告涂改无效。 |
| 5. | Objection to this inspection report must be submitted to Guangzhou MCM Certification & Testing Co., Ltd. within 15 days after the publication of the report. 若对检验报告有异议，必须在报告发布之日起十五天内向广州邦禾检测技术有限公司提出。 |
| 6. | This report is only responsible for the received samples. 本报告仅对来样负责。 |
| 7. | As for the inspection results, "N/A" means "Not applicable", "P" means "Pass" and "F" means "Fail". 本检验结果中"N/A"表示"不适用"，"P"表示"通过"，"F"表示"不通过"。 |

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| Identification 货物鉴定单位 | Guangzhou MCM Certification & Testing Co., Ltd. 广州邦禾检测技术有限公司 |
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| 报告修订 | |
| 报告版本与签发 | |
| 修改项目 | |