中国认可
检验
INSPECTION
CNAS IB0551

Report No.
检验报告编号： GDFLS2F2301DI01

Hazard and Classification Identification

for Goods to be transported

拟运货物危险属性与分类鉴别报告

（危特报告）

Goods to be transported 拟运货物	Lithium iron phosphate battery 磷酸铁锂电池
Applicant 申请单位	Guangzhou Felicity Solar Technology Co., Ltd. 广州菲利斯太阳能科技有限公司
Issued date 签发日期	2025-03-11

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（危特报告）

General Information 基本信息

Applicant 申请单位	Guangzhou Felicity Solar Technology Co., Ltd. 广州菲利斯太阳能科技有限公司
	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	Guangzhou Felicity Solar Technology Co., Ltd. 广州菲利斯太阳能科技有限公司
	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	Guangzhou Felicity Solar Technology Co., Ltd. 广州菲利斯太阳能科技有限公司
	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	FLA48500, 51.2V, 500Ah, 25kWh		
Classification 分类	Lithium Ion Batteries 锂离子电池组	Rated Energy 能量值	25kWh
Batteries met the requirements of cl. 2.9.4 电池满足条款 2.9.4 的相关要求		Test report 测试报告	GDFLS2F2301U01
If vehicle powered by fuel, its fuel type and model/rating 如车辆应用燃料，其燃料的类型和型号/参数……			N/A

Inspection and conclusion 检验与结论

Receipt 接收日期	2025-02-05	Inspection 检验日期	2025-03-06
Validity 有效期	2025-03-11 ~ 2026-03-10		
Standard used 检验标准	UN Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations Rev.23 联合国《关于危险货物运输的建议书 规章范本》(Rev.23)		
UN nos. & PSN UN 编号&运输名	UN 3480, LITHIUM ION BATTERIES UN 3480，锂离子电池组		
Class or Division 危险等级	Class 9 9 类		
Package group 包装类别	PG II	Label 标签	
Requirement 包装要求	P903		

Hazard and Classification Identification for Goods to be transported
拟运货物危险属性与分类鉴别报告（危特报告）

Photos of the Battery 电池照片

FLA48500, 51.2V, 500Ah, 25kWh





elicitysolar®

Make life full of hope

Lithium iron phosphate battery

Model	FLA48500
Nominal Voltage	51.2V
Energy	25kWh
Operating Voltage	44.8-57.6V
Recommend Charge/ Discharge Current	≤200A
Recommend Charge/ Discharge Power	≤10,000W
Scalability	Up to 15 units in parallel
Communication	RS485 / CAN
Cycle Life	≥6,000@25°C,80%DOD
Charging Temperature Range	0-55°C
Discharging Temperature Range	-20-55°C

End of Report 报告结束

Hazard and Classification Identification for Goods to be transported
拟运货物危险属性与分类鉴别报告（危特报告）

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。
2. Nobody is allowed to partly photocopy this inspection report without written permission of Guangzhou MCM Certification & Testing Co., Ltd.
未经广州邦禾检测技术有限公司书面同意，不得部分复印本检验报告。
3. This inspection report is invalid without the signatures of Approver, Reviewer and Inspector.
本检验报告无批准人、审核人及检验员签名无效。
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. We are not responsible for the authenticity of information (including sample information) provided by customers.
客户提供的信息（包括样品信息），本公司不对其真实性负责。
8. 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”。

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**
Operating address 运营地址	Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China. 中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋
Laboratory address 实验室地址	Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China. 中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋
Telephone 电话	+86-20-3477 7662 或 0086-020-3477 7662
Email 电子邮箱	service@mcmtek.com
Website 公司网址	https://www.mcmtek.com