



中国认可  
检验  
INSPECTION  
CNAS IB0551



Report No.  
检验报告编号: **GDFLS2F2P01DI01**

## 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	2025-04-21

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	LPBF48100-A, 51.2V, 100Ah, 5kWh		
Classification 分类	Lithium Ion Batteries 锂离子电池组	Rated Energy 能量值	5kWh
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	GDFLS2F2P01U01
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		

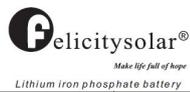
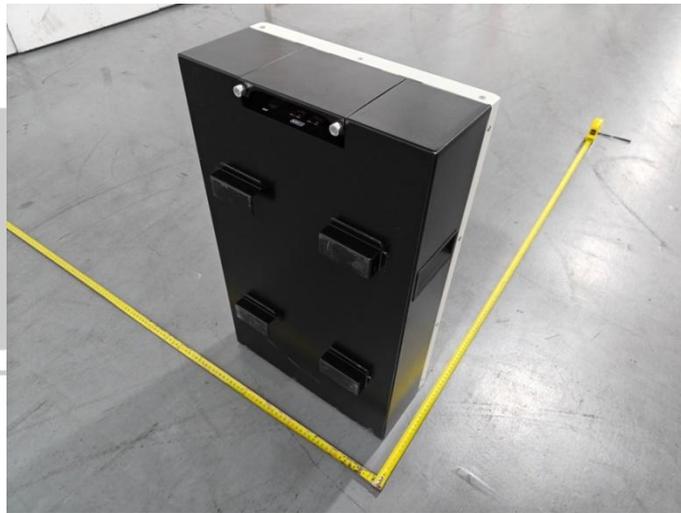
**Inspection and conclusion 检验与结论**

Receipt 接收日期	2025-03-03	Inspection 检验日期	2025-04-15
Validity 有效期	2025-04-21 ~ 2026-04-20		
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		

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Photos of the Battery 电池照片

LPBF48100-A, 51.2V, 100Ah, 5kWh



Lithium iron phosphate battery

Model	LPBF48100-A
Nominal Voltage	51.2V
Energy	5kWh
Operating Voltage	48-57.6V
Recommend Charge/ Discharge Current	≤80A
Recommend Charge/ Discharge Power	≤4000W
Scalability	Up to 6 units in parallel
Communication	RS485 / CAN
Cycle Life	≥6000@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**  
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**Declaration**  
**声明**

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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"。

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