中国认可
检验
INSPECTION
CNAS IB0551

Report No.
检验报告编号：GDFLS2F3L04DI01

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	2025-04-27

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.

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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	FLA48100-EU, 51.2V, 100Ah, 5.12kWh		
Classification 分类	Lithium Ion Batteries 锂离子电池组	The energy 能量值	5.12kWh
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	GDFLS2F3L04U01
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	2025-03-20	Inspection 检验日期	2025-04-25
Validity 有效期	2025-04-27 ~ 2026-04-26		
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	Label 标签	
Package group 包装类别	PG II		
Requirement 包装要求	P903		

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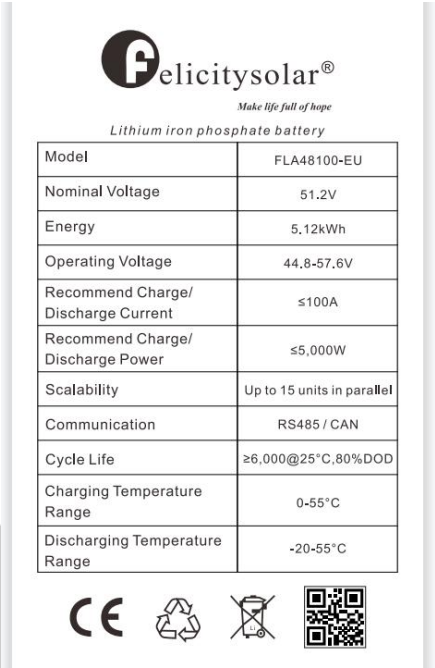
Photos of the Battery 电池照片

FLA48100-EU, 51.2V, 100Ah, 5.12kWh

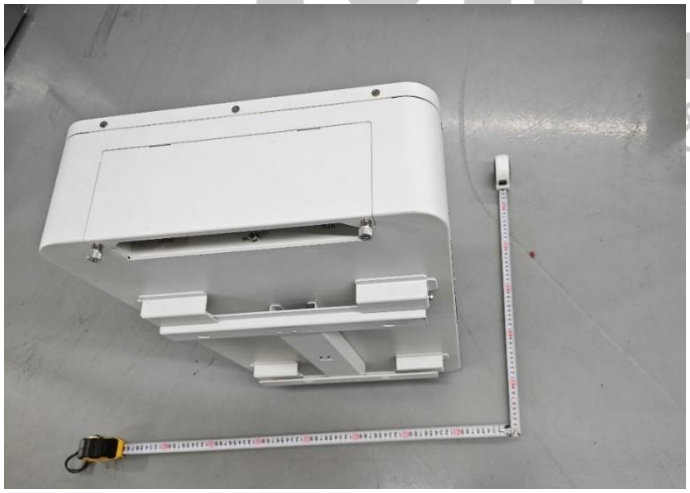


Felicitysolar®

Make life full of hope

Lithium iron phosphate battery

Model	FLA48100-EU
Nominal Voltage	51.2V
Energy	5.12kWh
Operating Voltage	44.8-57.6V
Recommend Charge/ Discharge Current	≤100A
Recommend Charge/ Discharge Power	≤5,000W
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

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Declaration
声明

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