中国认可
检验
INSPECTION
CNAS IB0551

Report No.
检验报告编号：**FLS20231215DI01-2**

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	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	2024-04-24

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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拟运货物危险属性与分类鉴别报告

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	FLA48250, 51.2V, 250Ah, 12.5kWh
■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……	12.5kWh
■Description 3: If applicable, Batteries met the applicable requirements of clause2.9.4 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 FLS20231215U01-2
■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

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 二级包装		
Requirement 包装要求	P903		

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Photos of the Battery 电池照片

FLA48250, 51.2V, 250Ah, 12.5kWh





felicitysolar®

Make life full of hope

Lithium iron phosphate battery

Model	FLA48250
Nominal Voltage	51.2V
Energy	12.5kWh
Operating Voltage	44.8-57.6V
Recommend Charge/ Discharge Current	≤150A
Recommend Charge/ Discharge Power	≤7500W
Scalability	Up to 15 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

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Declaration
声明

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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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报告修订	
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