



中国认可
检验
INSPECTION
CNAS IB0551



Report No.
检验报告编号: **GDFLS2F1601DI01**

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	2025-02-13

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Guangzhou MCM Certification & Testing Co., Ltd.

Hazard and Classification Identification for Goods to be transported
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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	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	FLA48280, 51.2V, 280Ah, 14.3kWh		
Classification 分类	Lithium Ion Batteries 锂离子电池组	Rated Energy 能量值	14.3kWh
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	GDFLS2F1601U01
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	2025-01-07	Inspection 检验日期	2025-02-10
Validity 有效期	2025-02-13 ~ 2026-02-12		
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
 FLA48280, 51.2V, 280Ah, 14.3kWh



Felicitysolar®
Make life full of hope
 Lithium iron phosphate battery

Model	FLA48280
Nominal Energy	14.3kWh
Nominal Voltage	51.2V
Nominal Capacity	280Ah
Maximum Continuous Charge/Discharge Current	150A
Maximum Short Circuit Current And Duration	2500A, 10ms
Scalability	Up to 15 units in parallel
Communication	RS485/CAN
Cycle Life	≥6,000@25°C, 80% DOD
IP Rating of Enclosure	IP21
Working Temperature Range	Charge: 0°C~+55°C
	Discharge: -20°C~+55°C

IP67/74/175/208/(1P16S)M/-20+50/95

<ul style="list-style-type: none"> • Please read the user manual before using the battery pack • Ensure that the battery is properly connected • Do not reverse the positive and negative terminals of the battery • Do not expose the battery module to rain or submerge it in liquids 	<ul style="list-style-type: none"> • Veuillez consulter le manuel d'utilisation avant d'utiliser le pack de batteries • Assurez-vous que la batterie est correctement branchée • Ne pas inverser les bornes positive et négative de la batterie • Ne pas exposer le module de batterie à la pluie ni le immerger dans des liquides
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CONFORMS TO ANSI/CAN/UL STD.1973

Manufacturer: Guangdong Felicity New Energy Co., Ltd
Address: (KongGangBaiYun)No. 2, Donghua Huayue Road, Renhe Town, Baiyun Area, Guangzhou, Guangdong, P. R. CHINA

End of Report 报告结束

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Declaration
声明

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