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Add.：Tower B, No.66 Huacheng Avenue, Zhujiang Xincheng, Tianhe District, Guangzhou, Guangdong, P.R.C.
电话Tel：020-22131000　邮箱Email：ppdc@iqtcnet.cn　网址Website：https://www.iqtcnet.cn

No: 1124004533-7
Date: 2025-02-10





货物运输条件鉴定书

Certification for Safe Transport of Goods

第九类危险品

Dangerous Goods Class 9

样品名称：	磷酸铁锂电池
Sample Name:	**Lithium iron phosphate battery**
委托单位：	广州菲利斯太阳能科技有限公司
Applicant:	**Guangzhou Felicity Solar Technology Co., Ltd.**

提取码：112771
验 证 平 台 ：
https://css.iqtcnet.cn

广州海关技术中心
检验检测专用章
4401060015718

广 州 海 关 技 术 中 心
GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER

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货物运输条件鉴定书

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样品名称 Sample Name	磷酸铁锂电池 Lithium iron phosphate battery					
型号 Model	LPBF12300					
委托单位 Applicant	广州菲利斯太阳能科技有限公司 Guangzhou Felicity Solar Technology Co., Ltd.					
生产单位 Manufacture	广州菲利斯太阳能科技有限公司 Guangzhou Felicity Solar Technology Co., Ltd.					
检查方法、程序 Inspection Method and Procedure	联合国《关于危险货物运输的建议书 规章范本》(第二十三修订版) UNITED NATIONS Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations (Rev. 23)					
样品外观 Sample Appearance	灰色&红色塑胶外壳 Gray & Red plastic shell					
包装件信息 Package Information	电池数量 Quantity	1 个 1 PC	重量 Weight	37±2kg	尺寸 Size	560mm*450mm*303mm

电池信息 Battery Information	序号 No.	类型 Type	型号 Model	额定瓦时值 Watt-hour Rating	放置方式 Placement
	1	锂离子电池 Lithium ion batteries	LPBF12300	3.75KWh	只有电池 Battery only

鉴定结论 Identification conclusion

1. 危险性识别(Hazards identification)：第 9 类杂项危险物质/ class or division is 9。
2. 按照联合国《关于危险货物运输的建议书 规章范本》特殊规定。
   According to the special provisions of TDG.
   按危险货物条件办理。According to the conditions of Dangerous cargo handled.
   运输专用名称：锂离子电池。
   Proper shipping name: LITHIUM ION BATTERIES.
   UN NO.：UN 3480
   危险类别：第 9 类 Class or division : 9
3. 包装要求(Packaging requirements)：
   根据包装导则 P903 办理。
   The goods are packaged according to the packaging instruction P903.

   检查日期(Inspection date)：2024-12-27~2025-01-28
   签发日期(Valid date)：2025-02-10
   报告有效期(Period of validity)：2025-02-10～2025-12-31

广州海关技术中心 检验检测专用章 (16) 4401060157181

备注 Remark	每个包装件应贴有 No.9A 危险性标签。 Each package must be labelled with a No.9A hazard label.

批准 Approver：莫明君　　审核 Checker：邱初晅　　主检 Appraiser：张佳

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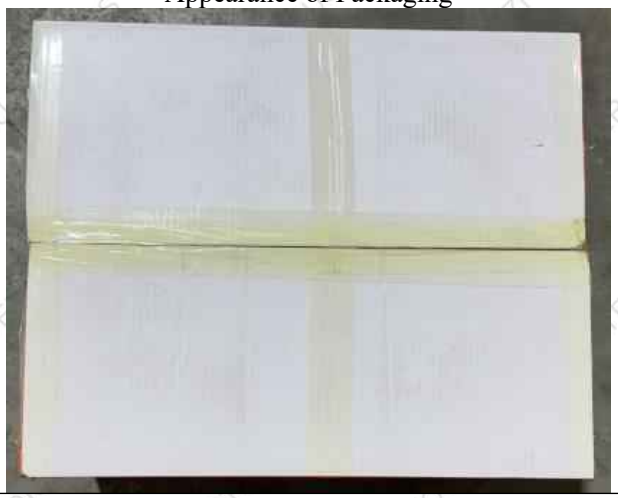
货物运输条件鉴定书

Certification for Safe Transport of Goods

图片/Photo

包装外观
Appearance of Packaging



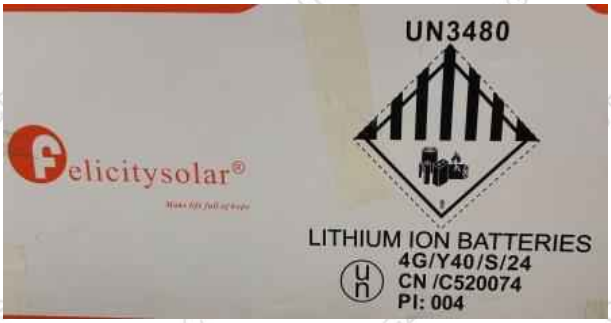
包装外观
Appearance of Packaging



内包装（防止短路，防移位保护措施）
Inner packagings (protection against short circuit and displacement)



UN 号，包装等级，9A 号标签
UN NO., packing group, 9A label



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图片/Photo

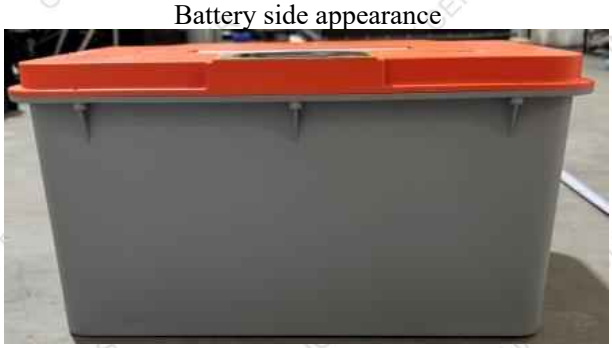
电池正面外观
Battery front appearance



电池侧面外观
Battery side appearance



电池侧面外观
Battery side appearance



电池铭牌(含 Wh)
Battery nameplate (With Wh)

felicitysolar®
Make life full of hope

3.75kWh 12.8V

Model	LPBF12300
Energy	3.75kWh
Nominal Voltage	12.8V
Operating Voltage	11.2-14.4V
Recommend Charge/Discharge Current	≤150A
Recommend Charge/Discharge Power	≤1,875W
Scalability	Up to 16 units in parallel
Communication	RS485 / CAN
Cycle Life	≥ 6,000 Cycles
Charging Temperature Range	0-55 ℃
Discharging Temperature Range	-20-55 ℃

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货物运输条件鉴定书
Certification for Safe Transport of Goods

序号 No.	检查结果及其他事项 Inspection results and other things
1	本报告所述锂电池已通过联合国《试验和标准手册》第 III 部分 38.3 小节相应测试要求（证书编号：1124004533-1，UN38.3 试验概要：1124004533-2）。 Lithium cells and batteries listed in this report are of the types proven to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3(Test Report No.: 1124004533-1, UN38.3 test summary: 1124004533-2).
2	本报告所述锂电池按照联合国《关于危险货物运输的建议书 规章范本》规定的质量管理体系进行制造。 Lithium cells and batteries listed in this report were manufactured under the quality management programmer as described in TRANSPORT OF DANGEROUS GOODS Model Regulations.
3	锂电池具有适当的防短路措施。 Cells and batteries are properly protected so as to prevent short circuits.
4	锂电池有适当的保护措施防止其在包装件内移位。 Cells and batteries are properly protected so as to secure against movement within the outer package.
5	每个包装件必须使用No.9A危险性标签。 Each package must be labelled with the No.9A hazard label.
6	2011年12月31日后生产的蓄电池须在外部标记瓦特-小时的额定值。 Batteries manufacture after 31 December 2011 must be marked with the Watt-hour rating on outside case.
备注 Remark	适用于陆运。 Be applicable to transport by road.

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声 明
Statement

1.本报告无检验单位公章无效。

The test report is invalid without the official stamp of IQTC.

2.本报告无批准人、审核人及主检人签名无效。

The test report is invalid without the signatures of Approver, Checker and Appraiser.

3.本报告涂改无效。未经本实验室书面同意，不得部分地复制本报告。

The test report is invalid if altered. Nobody is allowed to photocopy or partly photocopy this report without written permission of IQTC

4.客户必须如实提供样品及资料，并保证申报品名和样品以及运输货物相同，否则本检测单位不承担任何相关责任。

The client should provide samples and relevant data, at the same time, they should guarantee the consistence of the product's name they declared, the samples they provided and the goods to be transported. Otherwise we will not bear any relevant responsibilities.

5.对检验报告若有异议，应于收到报告之日起十五天内向检验单位提出。

Objection to the test report must be submitted to IQTC within 15 days

6.本报告仅对送检样品负责。

The test report is valid for the tested samples only.

7.检验地址：广东省广州市科学城南翔支路 1 号 C102 房（汽车与装备检测研究所科学城）

Inspection Address: Room C102, No.1 Nanxiangzhi Road, Science City, Guangzhou, Guangdong, China (Institute of Automobile and Equipment Testing in Science City)

电话(Tel)：020-38669019-811

电子邮箱(E-mail)：battery@iqtcnet.cn

* * * * 报告结束 End of report * * * *

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