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# UN38.3 试验概要

## UN38.3 test summary

| 单位信息 Company information | |
|---|---|
| 委托单位信息 Applicant's Information | 名称：广州菲利斯太阳能科技有限公司<br>Name:Guangzhou Felicity Solar Technology Co., Ltd |
| | 地址： 广东省广州市白云区人和镇东华工业区东华兴富街 23 号<br>Address:No.23, xingfu street, renhe town, baiyun district, guangzhou, Guangdong |
| | 电话号码 Phone number: 13925101626 |
| | 电子邮箱 Email address: kanglong.li@felicitysolar.com |
| | 网址 Website: https://www.felicitysolar.com |
| 生产单位信息 Manufacturer's Information | 名称：广州菲利斯太阳能科技有限公司<br>Name:Guangzhou Felicity Solar Technology Co., Ltd |
| | 地址： 广东省广州市白云区人和镇东华工业区东华兴富街 23 号<br>Address:No.23, xingfu street, renhe town, baiyun district, guangzhou, Guangdong |
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| | 电子邮箱 Email address: kanglong.li@felicitysolar.com |
| | 网址 Website: https://www.felicitysolar.com |
| 试验实验室 Test laboratory | 名称：广州海关技术中心<br>Name: GUANGZHOU CUSTOMS DISTRICT TECHNOLOGY CENTER |
| | 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）<br>Address: Room C102, No.1 Nanxiangzhi Road, Science City, Guangzhou, Guangdong, China (Institute of Automobile and Equipment Testing in Science City) |
| | 电话号码 Phone number: +86-20-38669019-811 |
| | 电子邮箱 Email address: battery@iqtcnet.cn |
| | 网址Website: www.iqtcnet.cn |

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| 电池信息 Battery information | | | |
|---|---|---|---|
| 名称<br>Name | 磷酸铁锂电池<br>LITHIUM IRON PHOSPHATE BATTERY | 型号<br>Model | LPBF48300 |
| 标称电压<br>Nominal voltage | 51.2V | 容量<br>Capacity | 300Ah |
| 额定瓦时值<br>Watt-hour rating | 15kWh | 样品外观<br>Appearance | 灰色金属外壳<br>gray metal shell |
| 质量<br>Mass | 157±2kg | 电池描述<br>Physical description | 可充电锂离子电池组<br>Rechargeable Li-ion battery |
| 电池图片<br>Battery picture | 电池正面外观<br>Battery front appearance<br> | | |
| | 电池铭牌(含 Wh)<br>Battery nameplate (With Wh)<br> | | |

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| 测试信息 Test information | | | |
|---|---|---|---|
| UN38.3 测试报告编号<br>UN38.3Test report No. | 01112200001361-1(E) | 测试报告日期<br>Date of test report | 2022-05-23 |
| 测试标准<br>Test standard | 联合国《关于危险货物运输的建议书·试验和标准手册》ST/SG/AC.10/11/Rev.7<br>UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS", Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7 | | |
| 过度充电<br>Overcharge | 合格 Passed | 短路<br>Short circuits | 合格 Passed |
| 电池组之间过度放电<br>Over discharge between the batteries | 合格 Passed | 38.3.3(f) | 不适用 Not applicable |
| 38.3.3(g) | 该磷酸铁锂电池的额定瓦特-小时数超过 6200Wh，由若干锂离子电池组以电路连接而成，锂离子电池组已通过 UN38.3 测试（报告编号：01112200001359-1(E)）。<br>The lithium iron phosphate battery was rated a Watt-hour more than 6200W and formed by electrically connected modules, the modules 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.: 01112200001359-1 (E)). | | |
| 结论<br>Conclusion | 经测试，该样品符合联合国《关于危险货物运输的建议书　试验和标准手册》ST/SG/AC.10/11/Rev.7, 38.3 标准要求。<br>The sample has passed the test items of UNITED NATIONS "Recommendations on the TRANSPORT OF DANGEROUS GOODS", Manual of Test and Criteria ST/SG/AC.10/11/Rev.7, 38.3. | | |
| 备注<br>Remark | 检测结果仅对样品有效。<br>The test results are only valid for the test samples submitted the applicant. | | |
| 签名及职务<br>Signature & Title | 实验室副主任<br>Laboratory Deputy Director | 签发日期<br>Issued date | 2022-05-23 |

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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

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