

CATALOGUE

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公司介绍

COMPANY INTRODUCTION

迪晟于2009年成立,座落深圳市龙华观澜示范产业园区,现有26000+平方米工厂面积,500+员工,18台自动激光切割机,20+台自动串焊机,6条太阳能全自动贴片线,8台自动层压机,7台双层自动层压机,生产设备还在持续增加中。

DISENG WAS ESTABLISHED IN 2009, IS LOCATED IN SHENZHEN LONGHUA GUANLAN DEMONSTRATION INDUSTRIAL PARK, THE EXISTING FACTORY AREA OF 26,000 + SQUARE METERS, 500+ EMPLOYEES, 18 AUTOMATIC LASER CUTTING MACHINES, 20+ AUTOMATIC SERIES WELDING MACHINES, 6 AUTOMATIC SOLAR SMT LINES, 8 AUTOMATIC LAMINATING MACHINES, 7 DOUBLE-LAYER AUTOMATIC LAMINATING MACHINES, PRODUCTION EQUIPMENT IS STILL INCREASING.

01



国家级高新技术企业 国家级专精特新企业

ISO9001国际质量体系认证
ISO14000环境体系认证
BSCI社会责任体系认证

02



各类认证

通过IEC61215/IEC61730、
CE、PSE、UKCA、FCC、ROHS、
加州65、TUV等各类认证

03



多项专利

目有拥有：
国内外发明专利
实用新型专利
外观专利等100多项

04

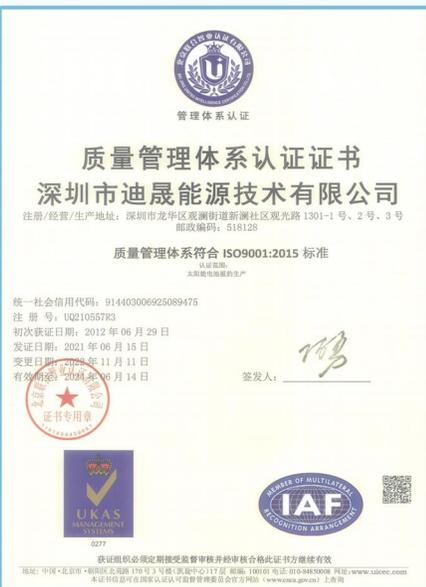


高效管理

遵循高效的管理
严格的生产标准
快速响应客户需求
实现可持续发展

企业认证

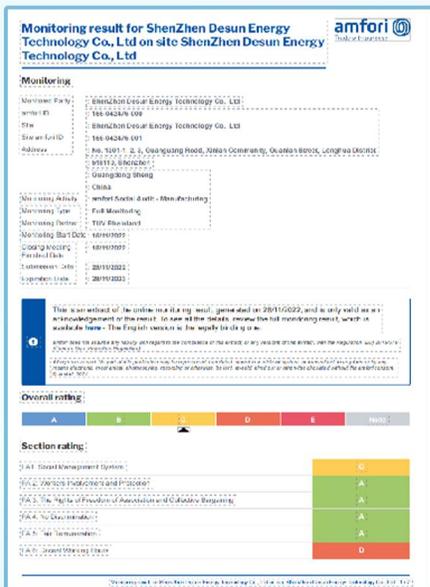
ENTERPRISE CERTIFICATION



ISO9001认证



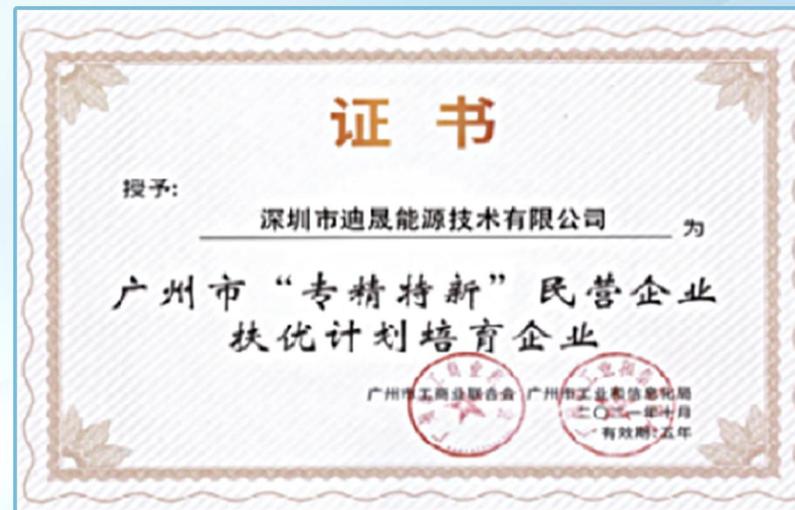
ISO14000认证



BSIC社会责任体系证



高新企业认证



专精特新企业认证

专利证书

SOME OF THE PATENT CERTIFICATES



认证证书

CERTIFICATION CERTIFICATE

FCC 认证

Shenzhen POCE Technology Co., Ltd.
11 Building, Hanga Science and Technology Park, Tangxia, Shiyun, Bao'an District, Shenzhen, China

Supplier's Declaration of Conformity

Certificate No.: POCE22081548ICE
Applicant: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Manufacturer: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Product: Solar Panel
Trade Name: N/A
Trade Start: N/A
Model(s): DS-600W, DS-360W, DS-240W, DS-210W, DS-150W, DS-120W, DS-110W, DS-100W, DS-90W, DS-80W, DS-60W, DS-40W
Test Report No.: POCE2208153885E7

Applicable Standard: FCC 47 CFR Part 15 Subpart B, Class B EMI/RFI ANSIS C63.10
The EUT in her case is certified to comply with FCC Part 15 subpart B, Class B Digital Device requirements.
Responsibility and Limitation: Supply includes FCC test of 2,998,2,999.
Responsible party in USA: [Signature]

Company: POCE Technology Co., Ltd.
Address: [Signature]
Date: [Signature]

Web: <http://www.poce.com.cn> Tel: +86-755-29113232 E-mail: service@poce.com.cn

C-TICK 认证

Shenzhen POCE Technology Co., Ltd.
11 Building, Hanga Science and Technology Park, Tangxia, Shiyun, Bao'an District, Shenzhen, China

CERTIFICATE OF CONFORMITY

Certificate No.: POCE2208153885E7
Applicant: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Manufacturer: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Product: Solar Panel
Trade Name: N/A
Model(s): DS-400W, DS-360W, DS-240W, DS-210W, DS-150W, DS-120W, DS-110W, DS-100W, DS-90W, DS-80W
Test Report No.: POCE2208153885E7

1 and Standard: Emission technology equipment - Product compliance characteristics - Limits and methods of measurement
ANSI/ISO IEC 62209-1 AMB1-1:2016
This certificate of conformity is based on a single evaluation of the operational suitability of the above mentioned product. It does not imply an assessment of its whole production. It is only valid for the manufacturer's test report number POCE2208153885E7.

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PSE 认证

SHENZHEN POCE TECHNOLOGY CO., LTD. REPORT NO.: POCE2208153885E7

PSE TEST REPORT

For
Shenzhen Desun Energy Technology Co., Ltd.
Product Name: Solar Panel
Model No.: DS-400W

Prepared for: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China

Prepared by: SHENZHEN POCE TECHNOLOGY CO., LTD.
Address: 107 Building H & JF, Building H, Hanga Science & Technology Park, Tangxia, Shiyun, Bao'an District, Shenzhen, Guangdong, China

Report No.: POCE2210213083RE
Date of Receiver: Oct 21, 2022
Number of tested samples: 1
Date of Test: Oct 21, 2022-Oct 28, 2022
Date of Report: Oct 21, 2022

Note: This test report is limited to the above client's compliance and the product model only. It may not be distributed outside the scope of Shenzhen POCE Technology Co., Ltd.

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REACH 认证

SHENZHEN POCE TECHNOLOGY CO., LTD. REPORT NO.: POCE2208153885E7

TEST REPORT

Applicant: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China

Report on the submitted samples sold to be:
Sample Name: Solar Panel
Trade Name: N/A
Test Model: DS-600W
Adding Model: DS-600W, DS-240W, DS-210W, DS-150W, DS-120W, DS-110W, DS-100W, DS-90W, DS-80W, DS-40W
Manufacturer: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Testing period: Aug 25, 2022 to Sep 06, 2022
Date of report: Sep 06, 2022

Testing Requested:	Results
(6) RoHS Annex 1 and Annex 2(2) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorisation published by the competent Chemicals Agency (CECA) on and before June 18, 2022 regarding Regulation (EC) No 1907/2006 concerning REACH	Pass
(6) Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on June 18, 2022 regarding Regulation (EC) No 1907/2006 concerning REACH	Pass

Approved by Engineer: [Signature]
Approved by Manager: [Signature]

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ROHS 认证

Shenzhen POCE Technology Co., Ltd.
11 Building, Hanga Science and Technology Park, Tangxia, Shiyun, Bao'an District, Shenzhen, China

CERTIFICATE OF CONFORMITY

Certificate No.: POCE2208153885E7
Applicant: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Manufacturer: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Product: Solar Panel
Trade Name: N/A
Model(s): DS-600W, DS-360W, DS-240W, DS-210W, DS-150W, DS-120W, DS-110W, DS-100W, DS-90W, DS-80W, DS-40W
Test Report No.: POCE2208153885E7

EN 62321-1:2014; EN 62321-1:2011; EN 62321-1:2015; EN 62321-1:2017; EN 62321-1:2019; EN 62321-1:2021; EN 62321-1:2023

The EUT described above has been tested by means of the listed standard(s) and found in compliance with the standard: RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU. It is possible to use CE marking to demonstrate the compliance with this RoHS Directive.

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TUV 认证

SHENZHEN POCE TECHNOLOGY CO., LTD. REPORT NO.: POCE2208153885E7

TEST REPORT

IEC 61215 series:2016
Terrestrial photovoltaic (PV) modules - Design qualification and type approval

Report Number: 0620018130004 (Part 1 of 2)
Date of issue: 2022-10-22
Total number of pages: 54
TUV SUD Branch: TUV SUD Certification and Testing (China) Co., Ltd. Guangzhou

Applicant's name: Shenzhen Desun Energy Technology Co., Ltd.
Address: Building B, Haka High-tech Ind. Park, No. 108, 2/F, Haka Road, Shiyun Town, Bao'an District, Shenzhen, Guangdong, P.R. China

Test specification:
Standard: IEC 61215-1:2016
IEC 61215-2:2016
IEC 61215-1:2015
IEC 61215-2:2015
IEC 61215-1:2015
IEC 61215-2:2015

Test procedure: TUV 61215-1
Non-standard test method: N/A
Test Report Form No.: IEC61215-1-38
Test Report Form(s) Originator(s): TUV SUD Product Service Center (0491-11-3)

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This report is not valid as a TUV SUD Test Report unless signed by an approved TUV SUD Testing Laboratory.
General disclaimer:
The test is a process that is not repeatable only for the object tested. This report shall not be reproduced, stored in a retrieval system or used in any way without the written approval of the issuing TUV SUD Testing Laboratory.

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UKCA 认证

SHENZHEN POCE TECHNOLOGY CO., LTD. REPORT NO.: POCE2208153885E7

EMC TEST REPORT

For
Shenzhen Desun Energy Technology Co., Ltd.
Product Name: Solar Panel
Model No.: DS-400W

Prepared for: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China

Prepared by: SHENZHEN POCE TECHNOLOGY CO., LTD.
Address: 107 Building H & JF, Building H, Hanga Science & Technology Park, Tangxia, Shiyun, Bao'an District, Shenzhen, Guangdong, China

Report No.: POCE2208153885E7
Date of Receiver: Aug 31, 2022
Number of tested samples: 1
Date of Test: Aug 31, 2022-Sep 06, 2022
Date of Report: Sep 06, 2022

Note: This test report is limited to the above client's compliance and the product model only. It may not be distributed outside the scope of Shenzhen POCE Technology Co., Ltd.

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加州 65 认证

SHENZHEN POCE TECHNOLOGY CO., LTD. REPORT NO.: POCE2208153885E7

TEST REPORT

Applicant: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China

Report on the submitted samples sold to be:
Sample Name: Solar Panel
Trade Name: N/A
Test Model: DS-600W
Adding Model: DS-600W, DS-240W, DS-210W, DS-150W, DS-120W, DS-110W, DS-100W, DS-90W, DS-80W, DS-40W
Manufacturer: Shenzhen Desun Energy Technology Co., Ltd.
Address: No. 1301-1,2,3, Guanggang Road, Xixun Community, Guanlan Street, Longhua District, Shenzhen, China
Testing period: Aug 31, 2022 to Sep 06, 2022
Date of report: Sep 06, 2022

Element/Requirement	Conclusion
US California Proposition 65 for Total Lead and Cadmium Content (Reg 18600)	Pass
California Proposition 65 for Total Lead and Cadmium Content (Reg 18600) Products	Pass

Remarks: Please refer to our pages: [Signature]
FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGES: [Signature]

Sign-off on behalf of POCE Ltd: [Signature]

Approved by Engineer: [Signature]
Approved by Manager: [Signature]

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发展历程

ENTERPRISE CERTIFICATION



SOLAR POWER
Desun

COMPANY
PRESENTATION

公司展示

深圳工厂

面积:26000m²

员工:500+

成立:2009年8月



车间展示

WORKSHOP DISPLAY

深圳龙华园区
>>>>



试验设备

TEST EQUIPMENT

深圳龙华园区
>>>>



SOLAR POWER
DESUN

COMPANY
PRESENTATION

公司展示

马来西亚工厂

面积:4000m²

员工:110+

成立:2019年12月

SOLAR POWER
DESUN

COMPANY
PRESENTATION

公司展示

东莞工厂

面积:11000m²

员工:180+

成立:2023年5月

宝腾能创



SOLAR POWER
DESUN

COMPANY
PRESENTATION

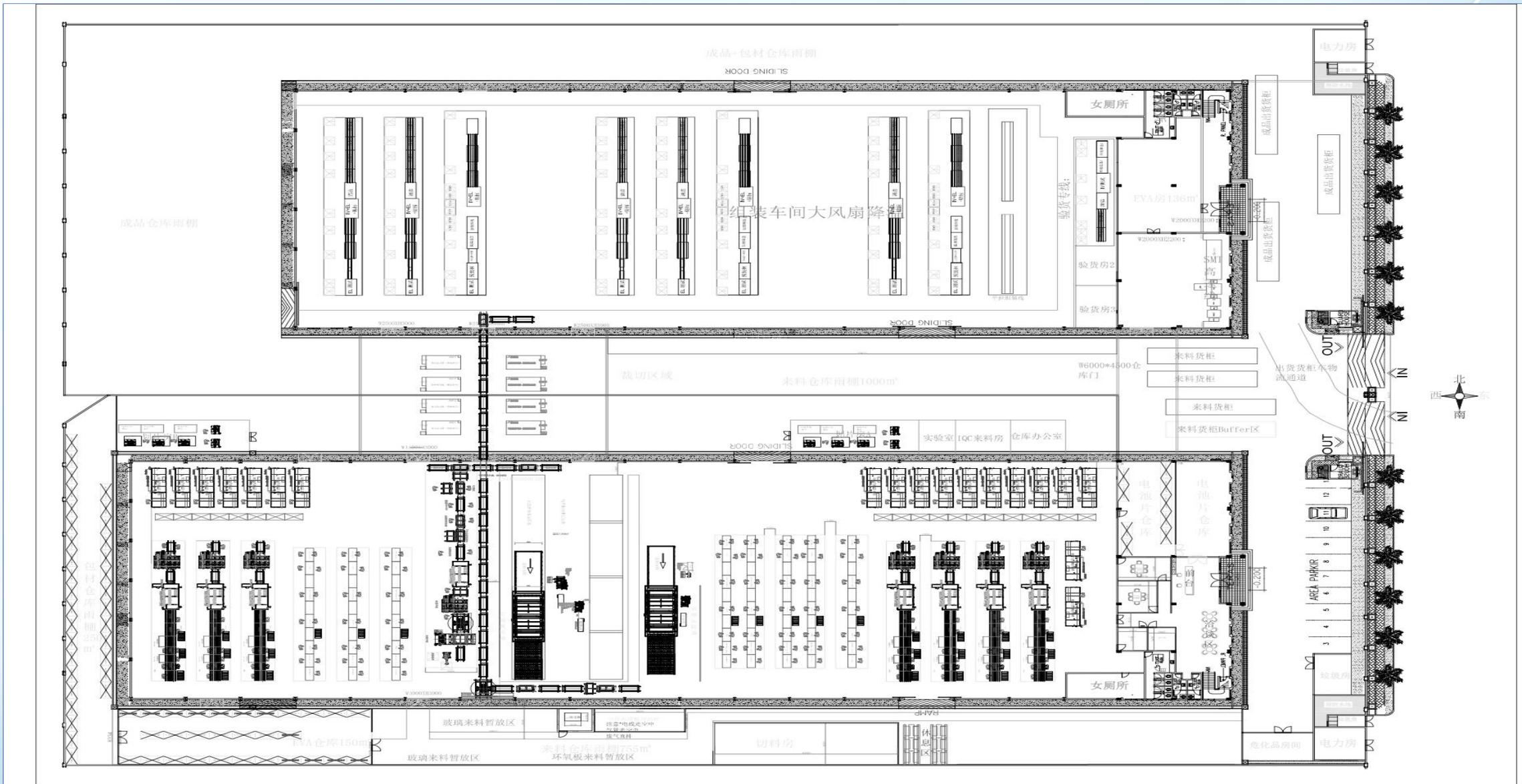
公司展示

印度尼西亚工厂

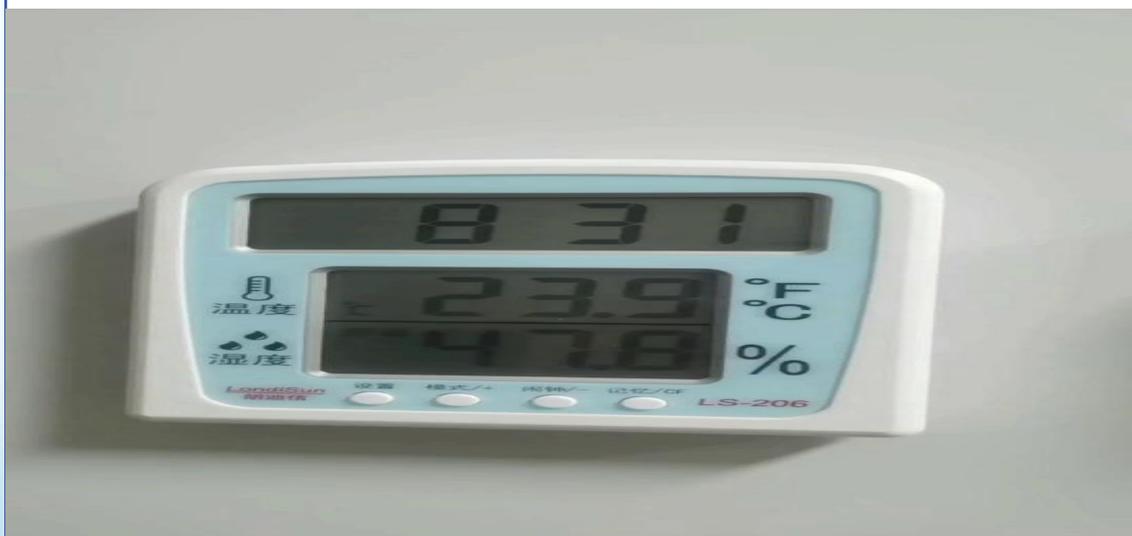
面积:15600m²

员工:280+

成立:2024年7月







SOLAR POWER
Desun

COMPANY
PRESENTATION

公司展示

宜春工厂 (规划中)

规划生产面积:30000m²

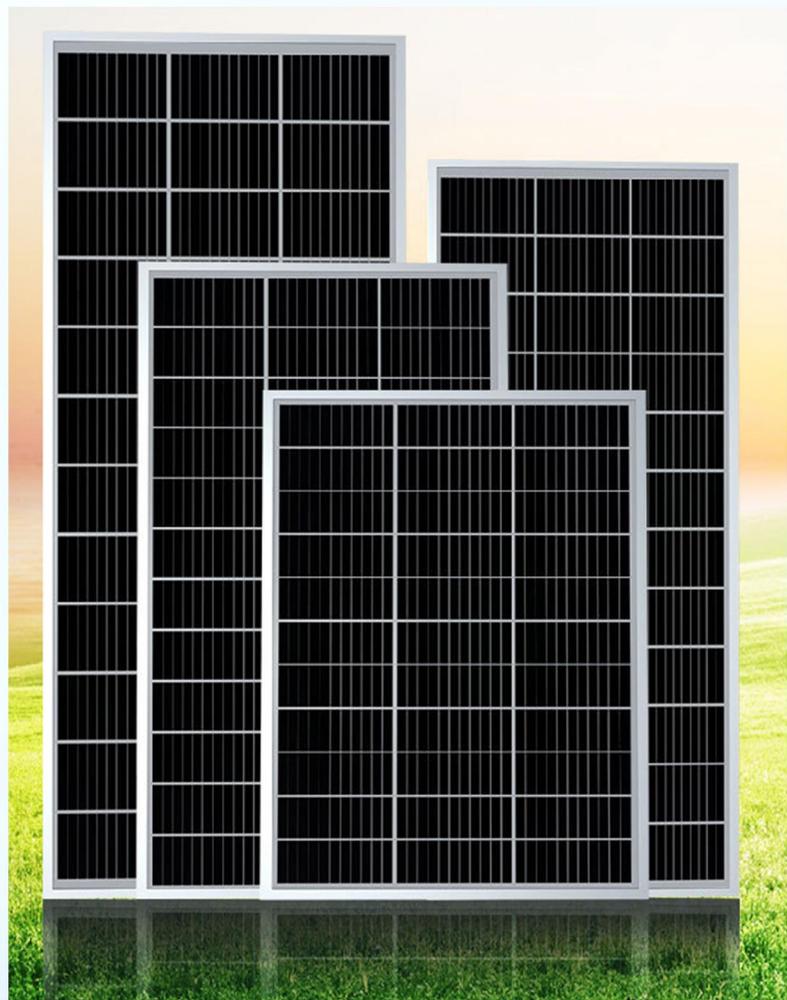
计划投产时间: 2026年初



PART
02

产品介绍

PRODUCT INTRODUCTION



玻璃板组件

GLASS PANEL ASSEMBLY



产业链

十五年制造业经验

通过ISO9001:2015&ISO14001:2015体系认证

保证了组件原料精良, 工艺精湛



5400帕

组件通过TUV莱茵和CQC检测机构认证

在极端(温度、载荷、撞击)条件下具备良好性能



弱光性能

权威第三方测试验证的良好弱光性能

(早晨、傍晚和阴天)



100%

层压前后100%EL测试, 成品100%EL测试

提供更高的质量保障



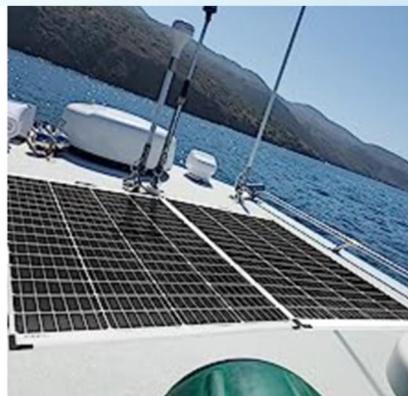
TÜV

通过TUV盐雾测试、耐氨气测试、PID测试、

碳足迹测试、防火测试、落砂测试、EMC测试和LVD测试。

应用场景

APPLICATION SCENARIO



应用场景

APPLICATION SCENARIOS

车载太阳能天窗



柔性板组件

FLEXIBLE PLATE ASSEMBLY



随着分布式光伏应用的快速发展, 轻质彩钢屋顶、曲面屋顶及膜材 料屋顶达不到普通玻璃太阳能组件的承载要求, 柔性轻质太阳能组件有 效地解决了这类屋顶的这一痛点, 组件安装过程无需生根, 不会对屋面造成任何损害。



WITH THE RAPID DEVELOPMENT OF DISTRIBUTED PHOTOVOLTAIC APPLICATIONS, LIGHT COLOR STEEL ROOFS, CURVED ROOFS AND FILM ROOFS CAN NOT MEET THE BEARING REQUIREMENTS OF ORDINARY GLASS SOLAR MODULES, FLEXIBLE LIGHT SOLAR MODULES EFFECTIVELY SOLVE THIS PAIN POINT OF SUCH ROOFS, COMPONENT INSTALLATION PROCESS WITHOUT ROOTING, WILL NOT CAUSE ANY DAMAGE TO THE ROOF.

柔性太阳能板

FLEXIABLE SOLAR PANEL



应用
APPLICATION

功率	开路电压	短路电流	工作电压	工作电流	转化效率(%)	参考太阳能板尺寸(MM)
20W	22.2V	1.03A	18V	0.98A	22	420*280*2.5
40W	22.4V	2.07A	18V	1.98A	22	530*400*2.5
50W	19.3V	3.1A	18V	2.9A	22	550*545*2.5
100W	19.2V	8.18A	18V	5.96A	22	1055*550*2.5



PART
03

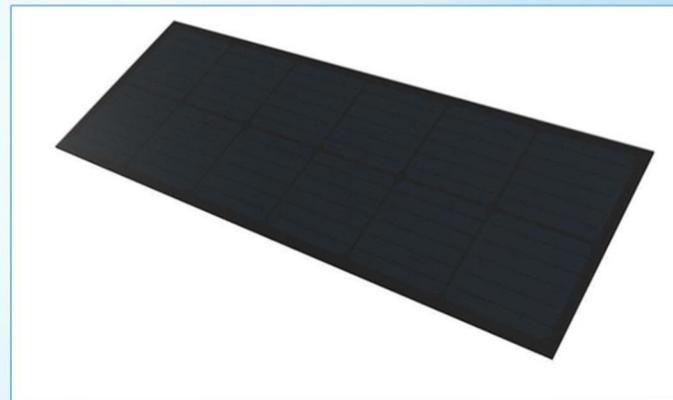
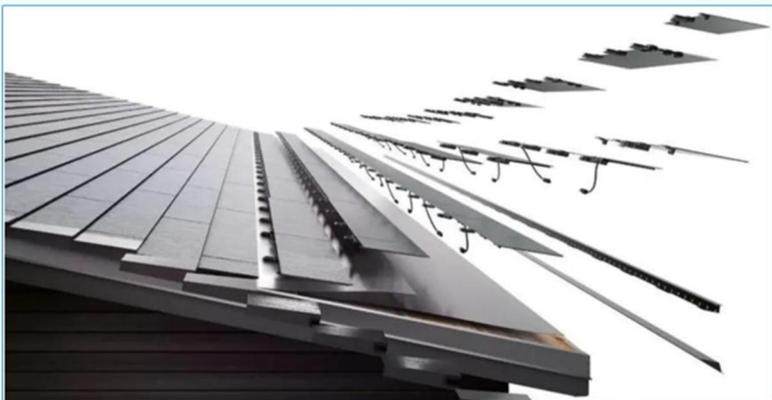
应用介绍

APPLICATION INTRODUCTION

BIPV分布式家庭储能系统

BIPV DISTRIBUTED HOME ENERGY STORAGE SYSTEM

BIPV生态链-平面迪瓦太阳能组件



TECHNICAL CHARACTERISTICS

技术特点

>>>>>>>>>

- 1.重量轻, $100W \leq 0.95KG$,是传统的玻璃组件的五分之一
- 2.容易安装,一人可以轻松安装的木质屋顶
- 3.美观度高,完美贴合屋顶
- 4.抗台风性能好
- 5.适合DIY,节约安装成本

BIPV分布式家庭储能系统

BIPV DISTRIBUTED HOME ENERGY STORAGE SYSTEM

BIPV生态链-曲面瓦片太阳能组件



TECHNICAL CHARACTERISTICS

技术特点

>>>>>>>>

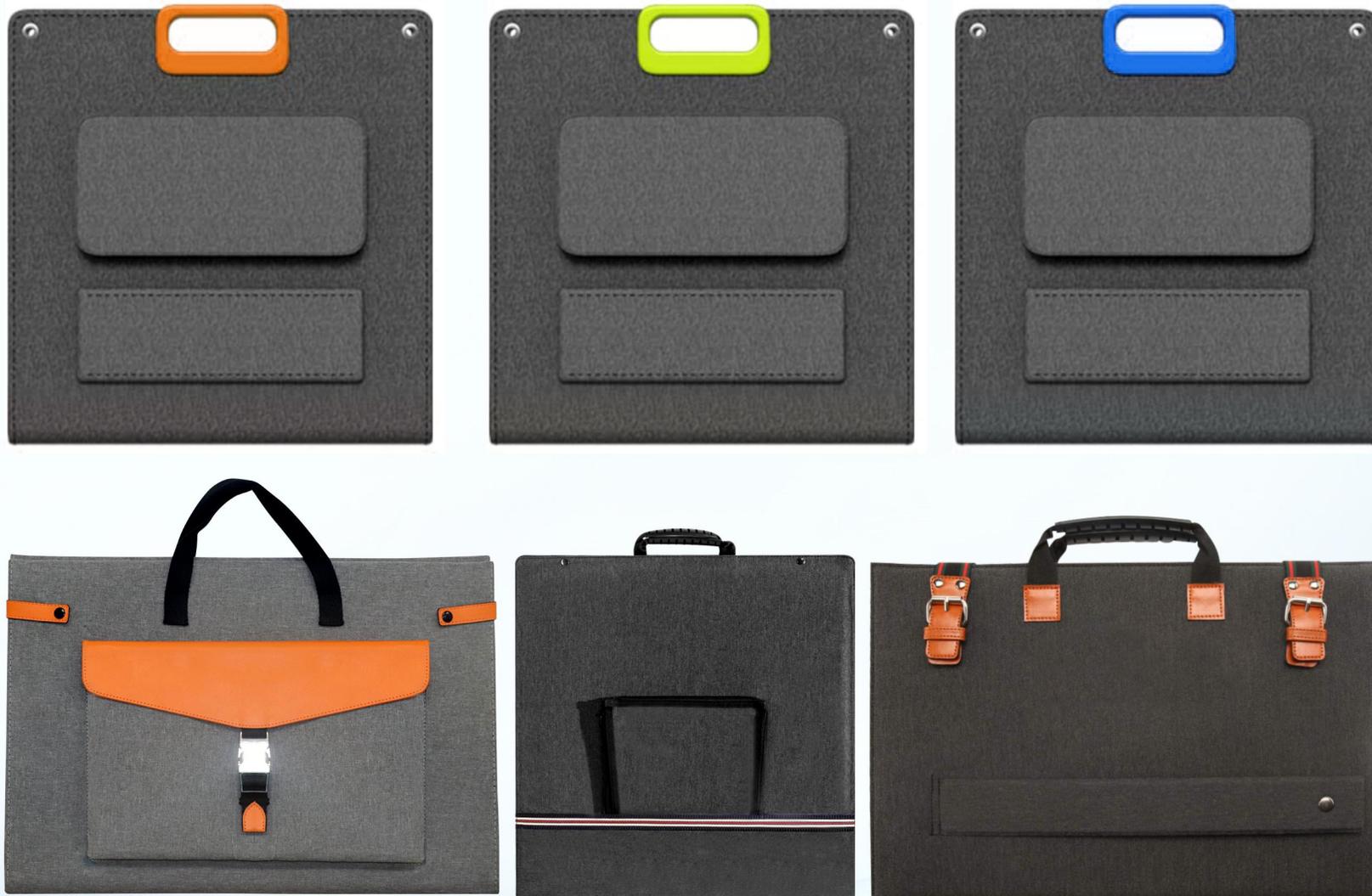
- 1.采用高效单晶硅太阳能电池片,有效规避技术专利,提升发电效率
- 2.容易安装,能与建筑完美结合一体,无化学污染无噪音
- 3.设计美观度高,易于安装与维护
- 4.抗台风性能好
- 5.适合DIY,节约安装成本

SOLAR POWER
DESUN



FOLDING BAG PRODUCTS 折叠包产品





支持定制

款式、布料、颜色、提手



应用场景

APPLICATION SCENARIO



露营



旅行



房车



应急



INTERNET OF THINGS
APPLICATION GRADE PRODUCT

物联网 应用级产品





家用摄像义太阳能板

尺寸:200*135MM

功率:2.5W

电压:6V

效率:19.8%

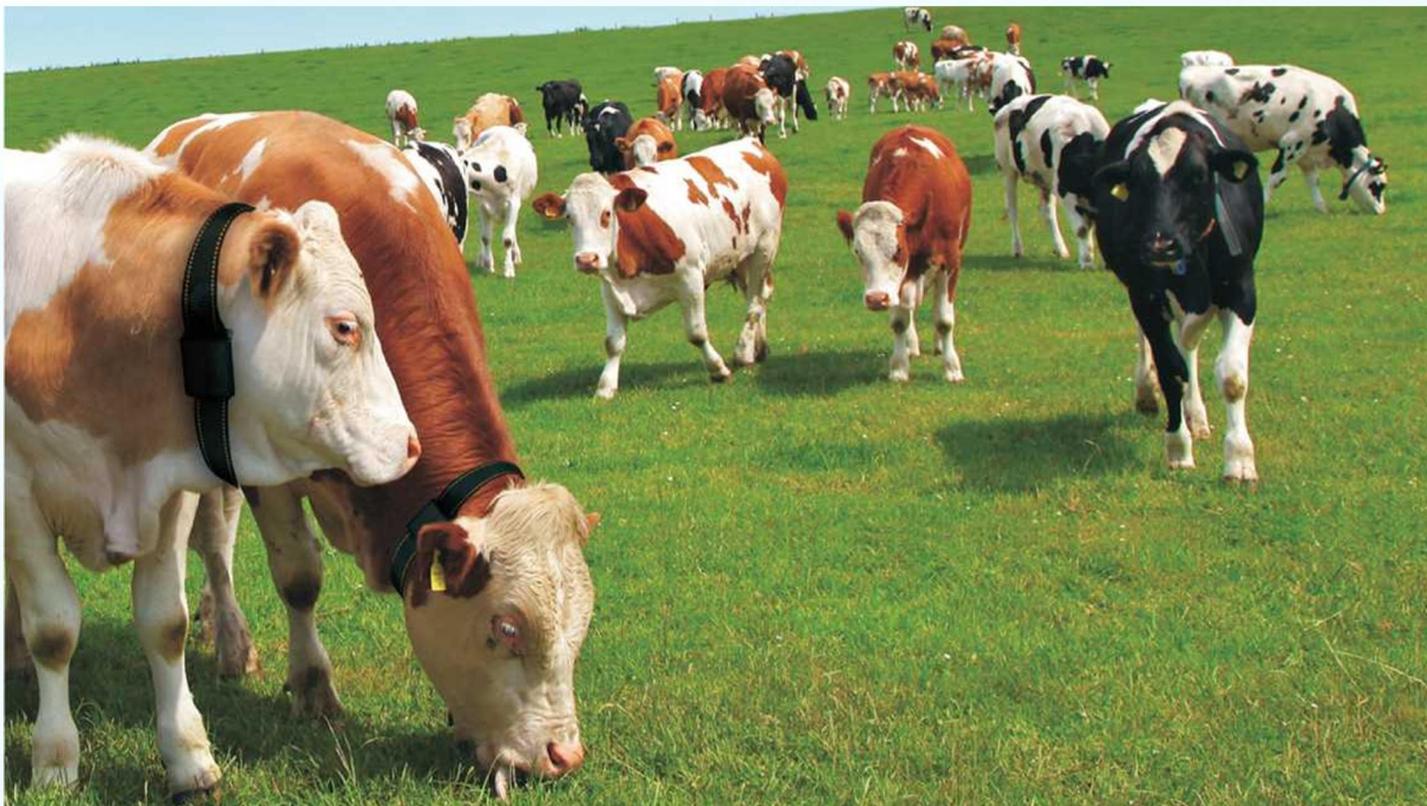
电池片种类:单晶

表面材料:ECTFE

应用场景:

适用于庭院视频监控供电系统,给视频监控摄像头供电

- 太阳能需要长期暴露于紫外线中
表面使用含氟材料(ECTFE),透光率好,寿命长
- 家庭使用便于安装
使用PCB+膜材层压而成,整体轻量化设计,易运输,易安装
- 使用单晶硅太阳能电池片,转换效率高,最小尺寸设计,
包装及运输费用小.弱光性好,在阴雨天还能提供电能。

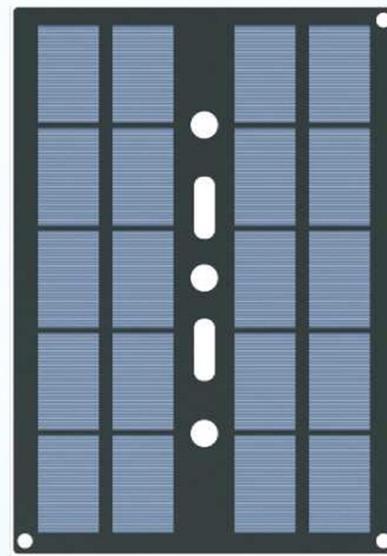


定位器太阳能板适用于GPS定位设备,也是保障其长时间待机的前提,应用于资产监控管理的小体跟踪器。主要用于租赁车辆、信贷车辆、贵重物品保管及运输,牛马放养羊生态养殖,特定性物品及车辆的监控等小体跟踪器。典型应用行业有:农业畜牧业、物流企业、共享单车领域等

GPS定位小型太阳能板

- 尺寸:40*40MM •功率:0.2W
- 电压:5V •效率:22%
- 电池片种类:SUNPOWER
- 表面材料:PET
- 应用场景:适用于动物定位器或智能耳标产品为其GPS定位模块供电。





产品信息

尺寸:147*113MM

功率:1.7W

电压:5V

效率:18.5%

应用场景:适用于小型农业物联网环境监测系统
为其传感器模块供电



光伏农业就是将太阳能发电广泛应用到现代农业种植、养殖、灌溉、病虫害防治以及农业机械动力提供等领域的一种新型农业。



太阳能户外灯

SOLAR OUTDOOR LIGHT



太阳能板功率
0.3W



防水等级
IP65



电池容量
800MAH

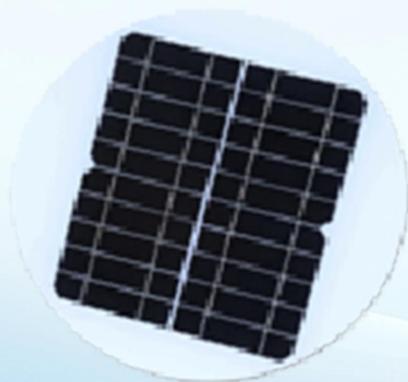


灯串长度
200CM



户外灯具及安防类太阳能板

SOLAR PANEL FOR OUTDOOR



THANKS

感谢您的观看