

日兴光伏



QJ SOLAR

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慈溪市日兴电子有限公司

CIXI CITY RIXING ELECTRONICS CO., LTD

ENJOY SUNSHINE ENJOY LIFE

享受阳光 享受生活





SOLAR ENERGY  
MAKES  
LIFE BETTER

太阳能让生活更美好

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## 拥有以QJ SOLAR为品牌的3家公司 3 COMPANIES WITH QJ SOLAR AS THE BRAND

安徽日能中天半导体发展有限公司成立于2007年，注册资金6000万元。日能中天是一家集单、多晶硅棒、硅锭、硅片，电池片等光伏产品的研发，生产和销售于一体的现代化公司。生产基地位于安徽霍山经济开发区，占地60亩总投资2.58亿元，厂房7000平方米。目前拥有多晶炉32台，单晶炉6台，大型切片机10台，大型破防配套设备12套。2013年产太阳能多晶硅片销量4000万片，年产值15亿元，出口达3000万美元。

Anhui Rineng Zhongtian Semiconductor Development Co., Ltd. was established in 2007 with a registered capital of 60 million yuan. Rineng Zhongtian is a modern company integrating research, development, production and sales of photovoltaic products, such as polysilicon rods, silicon chips, silicon wafers and battery chips. The production base is located in Huoshan Economic Development Zone, Anhui Province, covering an area of 60 mu with a total investment of 258 million yuan and a factory building of 7,000 square meters. At present, there are 32 polycrystalline furnaces, 6 single crystal furnaces, 10 large slicers, and 12 sets of large-scale defense breaking equipment. In 2013, the sales volume of solar polysilicon chips was 40 million, with an annual output value of 1.5 billion yuan and an export value of 30 million US dollars.

慈溪市日兴电子有限公司成立于1990年，经过30多年的发展和扩大目前是制造太阳能板领域的佼佼者。目前公司的海外市场包括意大利，德国，波兰，西班牙，沙特，智利，迪拜……并且拥有TUV, ISO, KS, INMETRO, FIDE等等的认证。公司目前生产158,166,182等系列的半片和整片太阳能板。

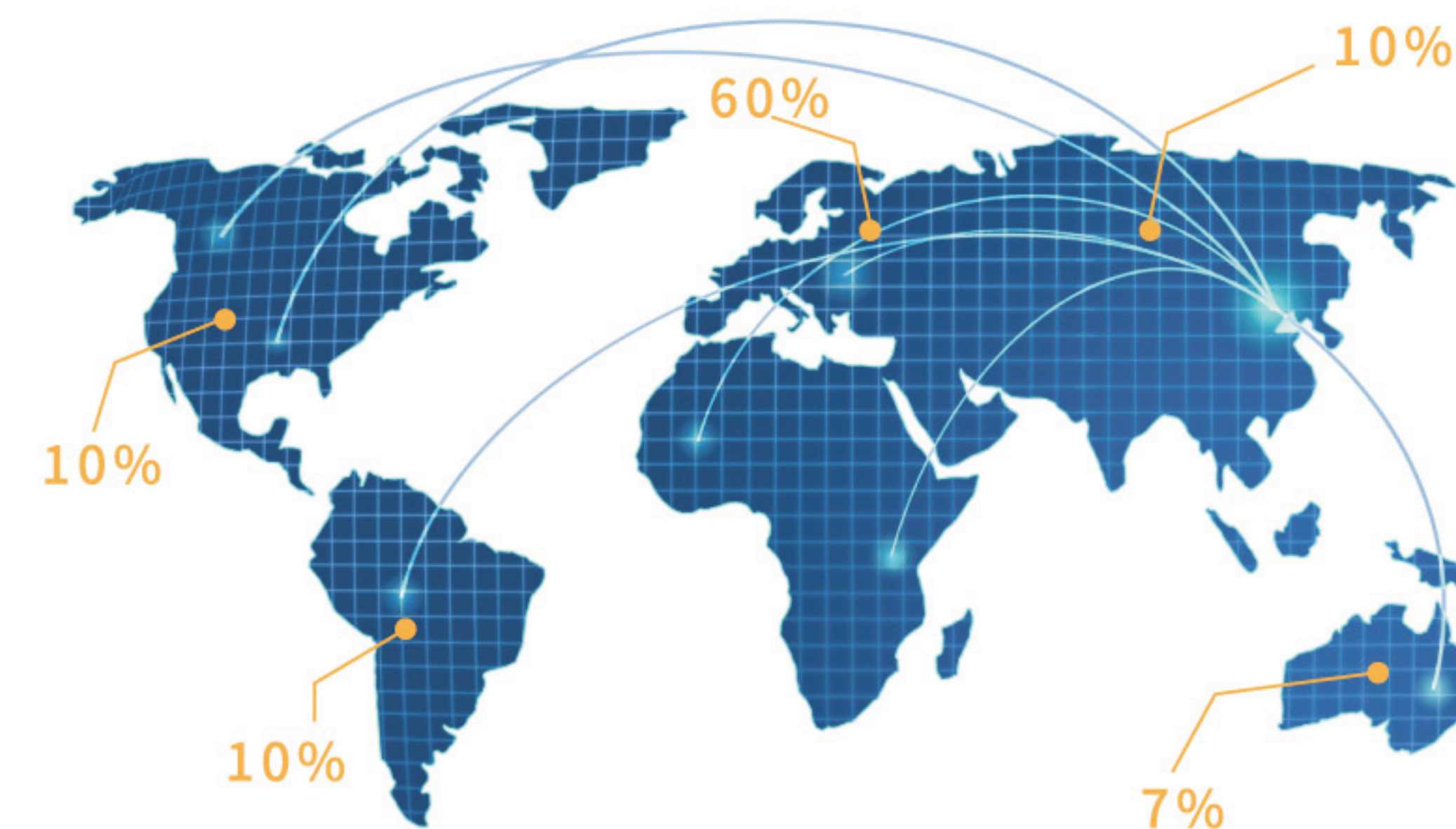
Cixi City Rixing Electronics Co., Ltd. was founded in 1990, more than 30 years of development and expansion now is a leader in the field of manufacturing solar panels. At present, the company's overseas markets include Italy, Germany, Poland, Spain, Saudi Arabia, Chile, Dubai…… It was certified by TUV, ISO, KS, INMETRO, FIDE, etc. The company currently produces the 158,166,182 series of half cut cell and full cell solar panels.

宁波市日晶光伏发电有限公司是一家拥有领先技术和高效服务的光伏电站系统方案提供者，专业从事太阳能光伏领域产品的研发、生产、销售及服务，致力于为客户提供最稳定可靠和经济高效的太阳能光伏系统解决方案。在2021-2022年期间，总共为7家公司安装电站，深受客户的好评。其中为合盛硅业安装的6MW电站奠定了宁波市日晶光伏发电有限公司在慈溪光伏安装的地位。

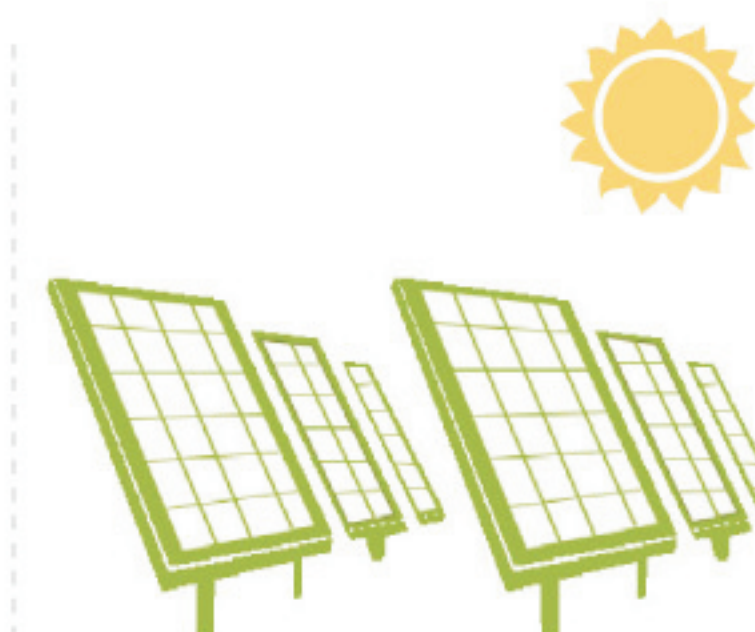
Ningbo Rijing Photovoltaic Power Generation Co., Ltd. is one of the world leading photovoltaic system suppliers which is specialized in the field of solar photovoltaic product R&D, manufacturing, sales and services to provide safe, reliable, high-efficiency solar system and integrated installation guilds and services globally. Relying on the production, sales & marketing integration system, Rijin could provide the "Best Price" and "Delivery Guarantee" photovoltaic power plant equipment to clients around the world. During 2021-2022, a total of 7 companies installed power stations, which were well received by customers. Among them, the 6MW power station installed for Hesheng Silicon Industry established the position of Ningbo Rijing Photovoltaic Power Generation Co., Ltd. in Cixi photovoltaic installation.



## 全球市场分布 GLOBAL MARKET



**300**  
职工人数  
Number of employees



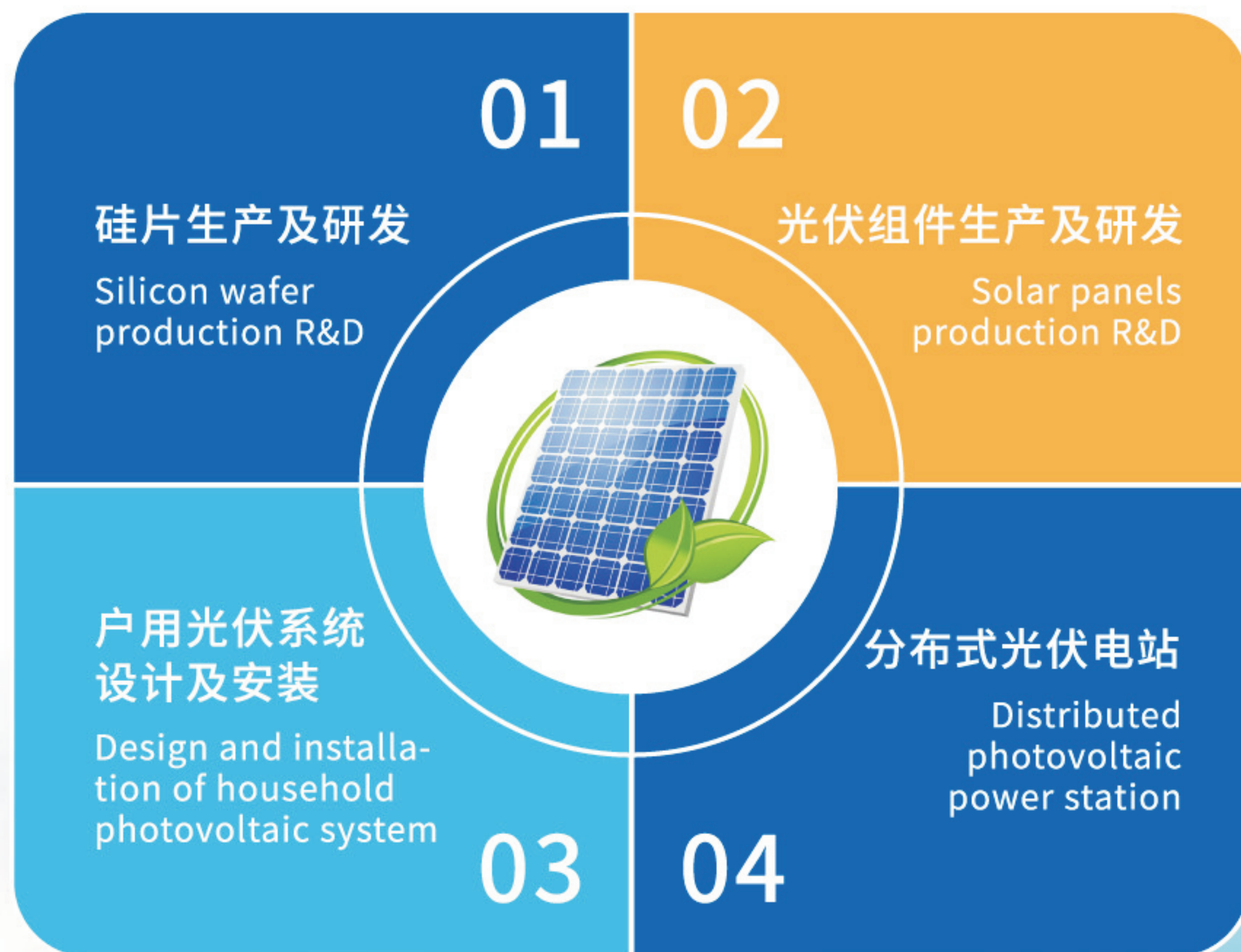
**800MW**  
年产太阳能组件  
Annual output of solar panels



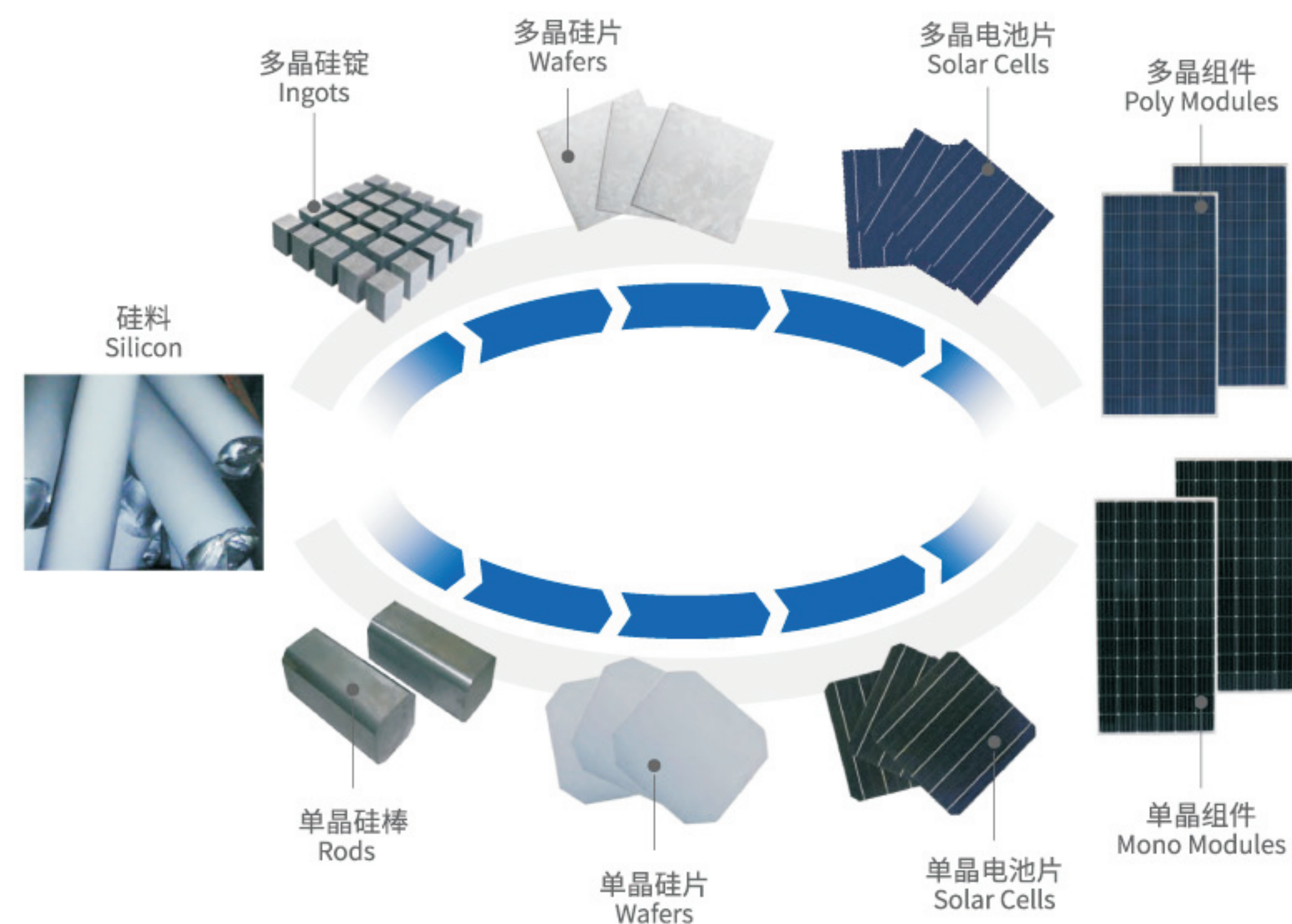
**80MW**  
分布式安装量  
Distributed installation quantity



## 主营业务 MAIN BUSINESS



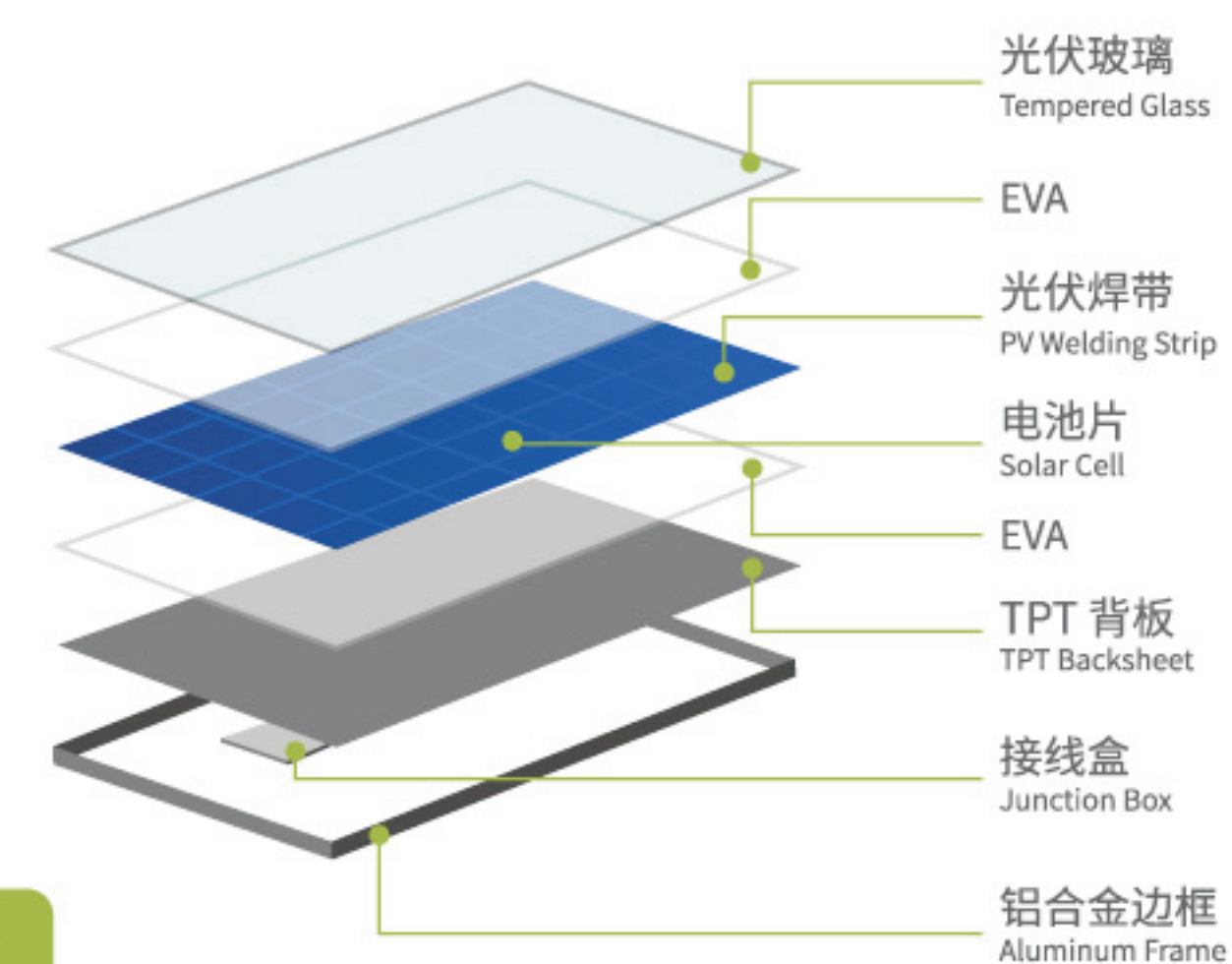
## 一体化垂直产业链 FULLY VERTICALLY INTEGRATED INDUSTRIAL CHAIN



### 产品特性 Product Characteristics

- ◆ 具有稳定高效的光电转换效率  
High conversion efficiency with high reliability
- ◆ 电池匹配性较好  
Low mismatch of cell performance during encaps
- ◆ 弱光性能良好  
Excellent performance under low lightingatjon
- ◆ 热斑效应小  
Low hot spot effect
- ◆ 光照下,性能衰减低  
Low degradation under light exposure

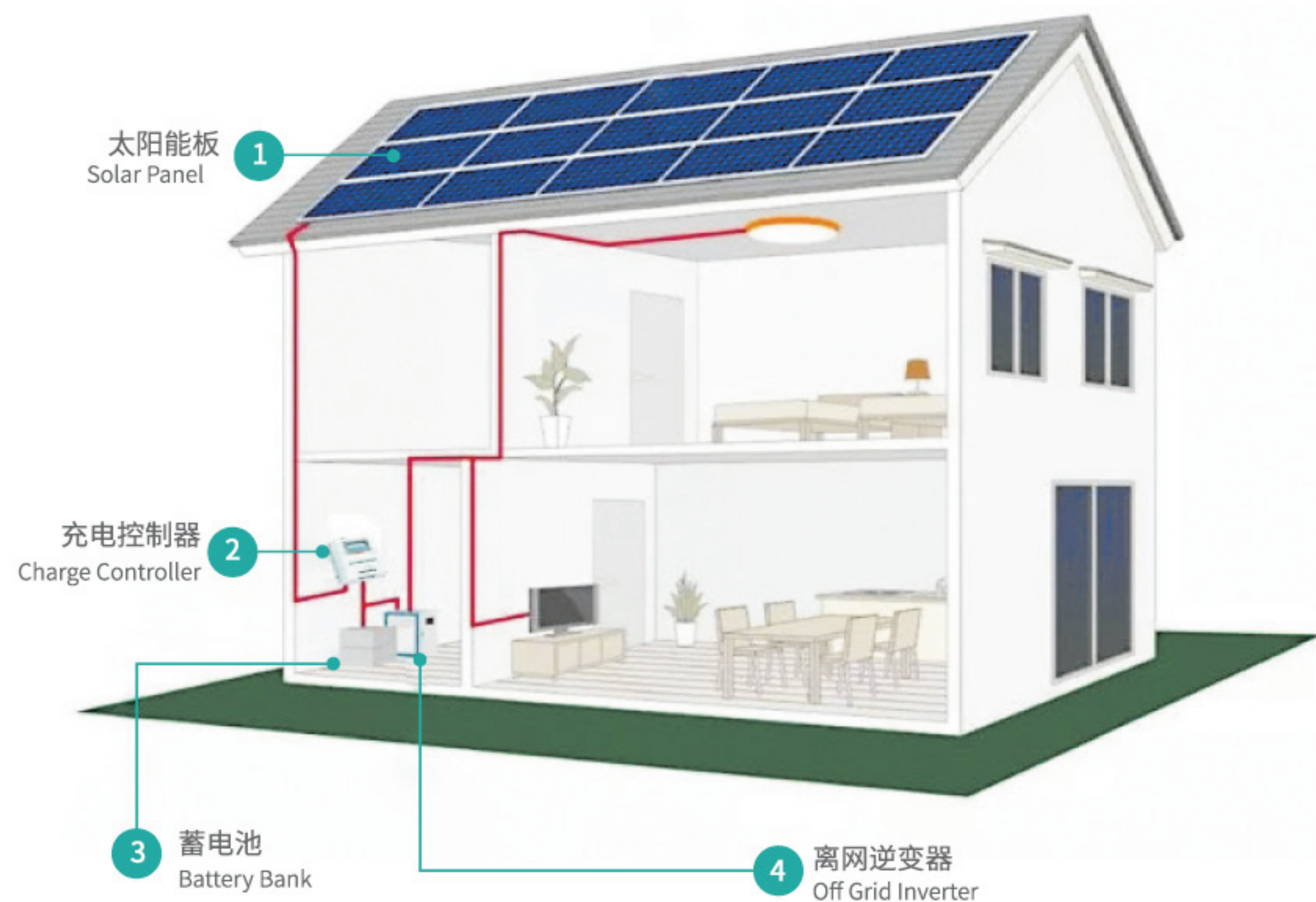
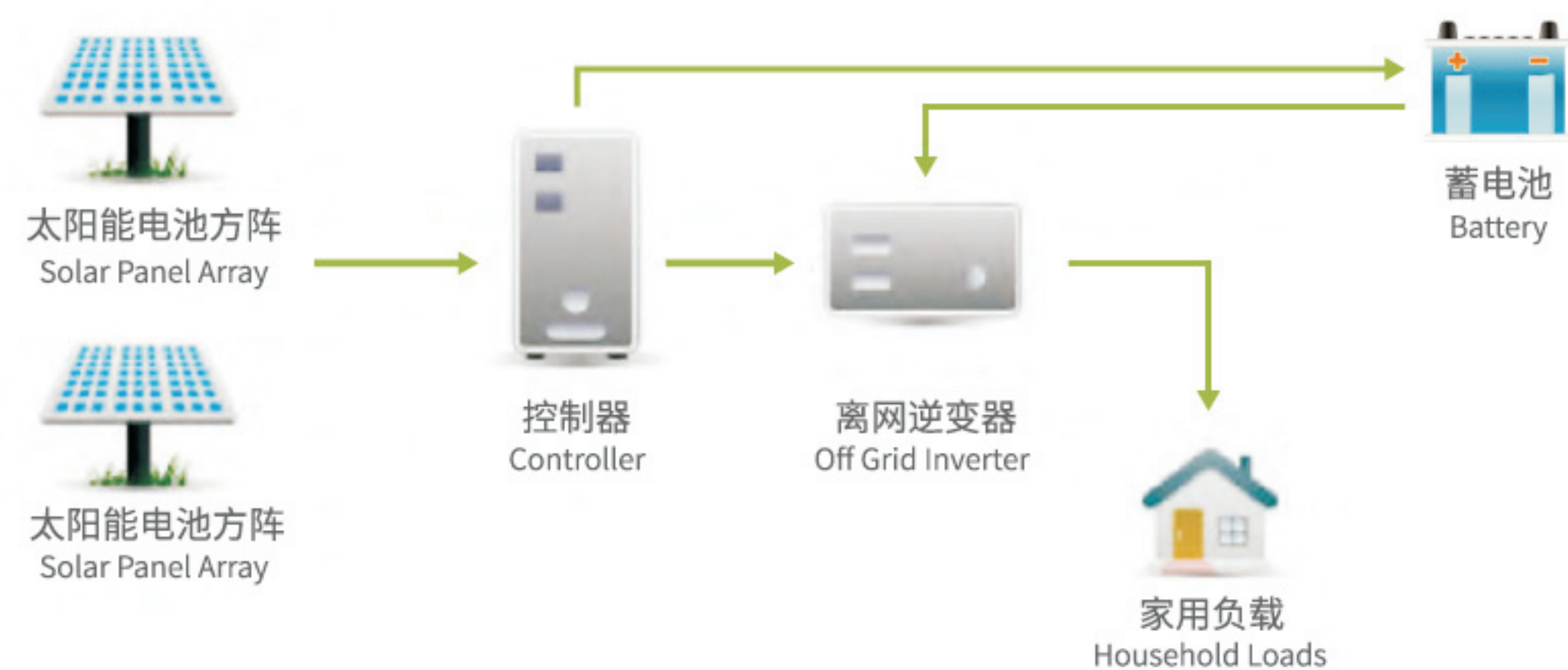
### 产品质保 Warranty



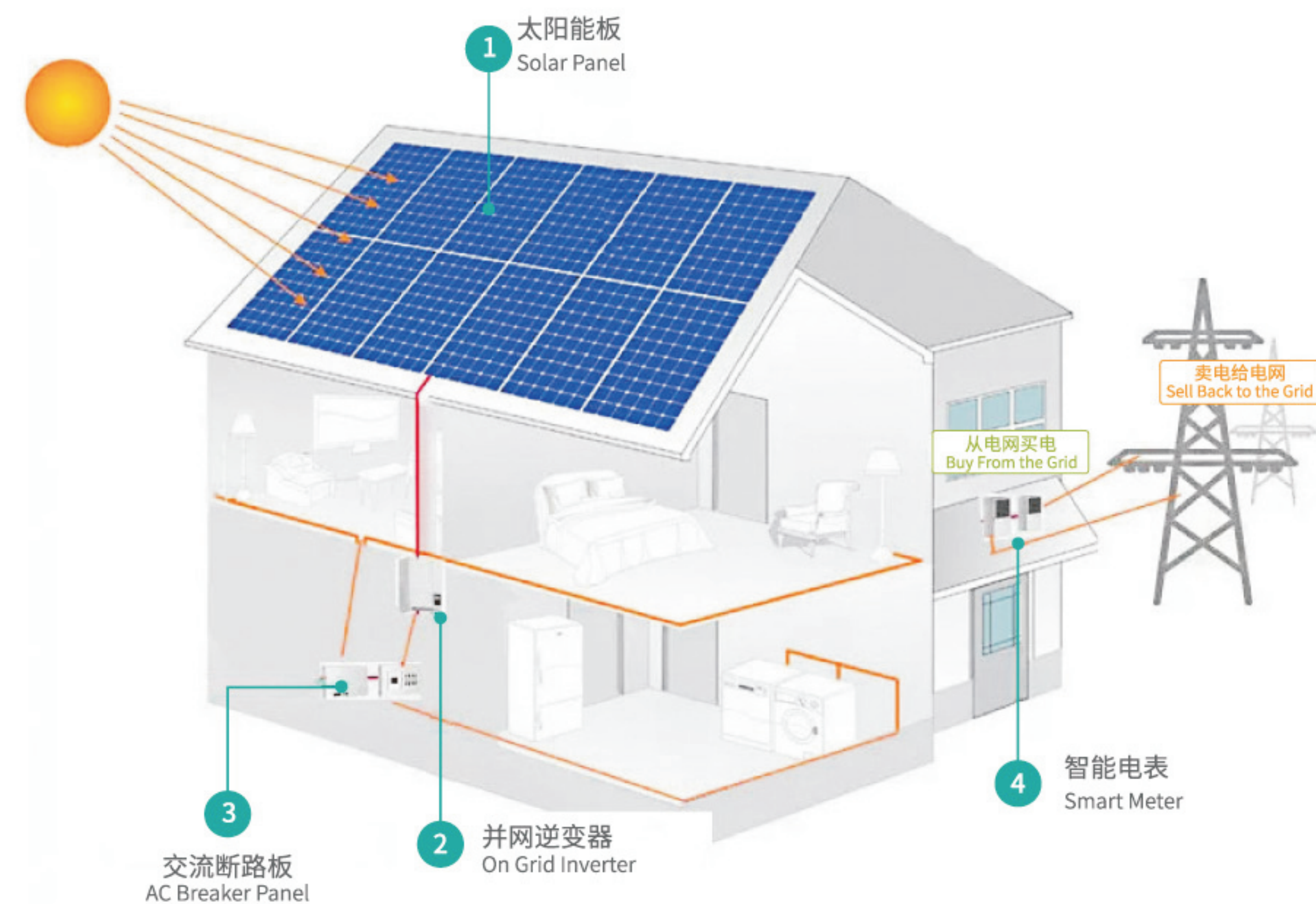
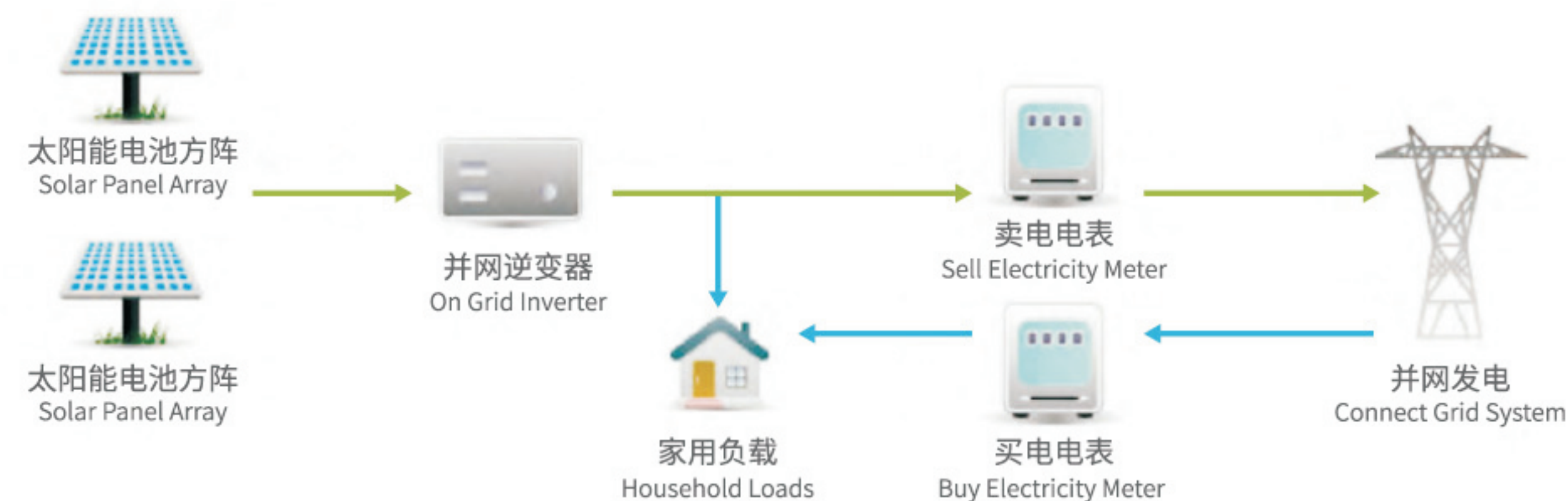


# 户用太阳能系统 RESIDENTIAL SOLAR SYSTEM

## 离网系统 Off Grid System



## 并网系统 On Grid System





## BIPV方案提供者 BIPV SOLUTION PROVIDER

### BIPV的优势 BENEFITS OF BIPV



优异的防水性能  
Excellence waterproof  
performance



科技美学  
Aesthetics of science  
and technology



满足架构要求  
Meet architectural  
requirements



安装方便  
Convenient  
installation



工作寿命长  
Longer Working  
life-span



环保  
Eco-friendly

## WHAT IS BIPV ?

BIPV 即光伏建筑一体化，将太阳能发电（光伏）产品集成到建筑上。光伏电站材料可取代部分建筑结构，如屋面、天窗、外立面等。

BIPV(Building-integrated photovoltaics) is the integration of photovoltaic into the building parts. Photovoltaic materials that are used to replace conventional building materials in parts of the building envelope such as the roof, skylights, or facade etc.

BIPV-防水盖  
BIPV Waterproof Cover

太阳能电池板  
Solar Panel

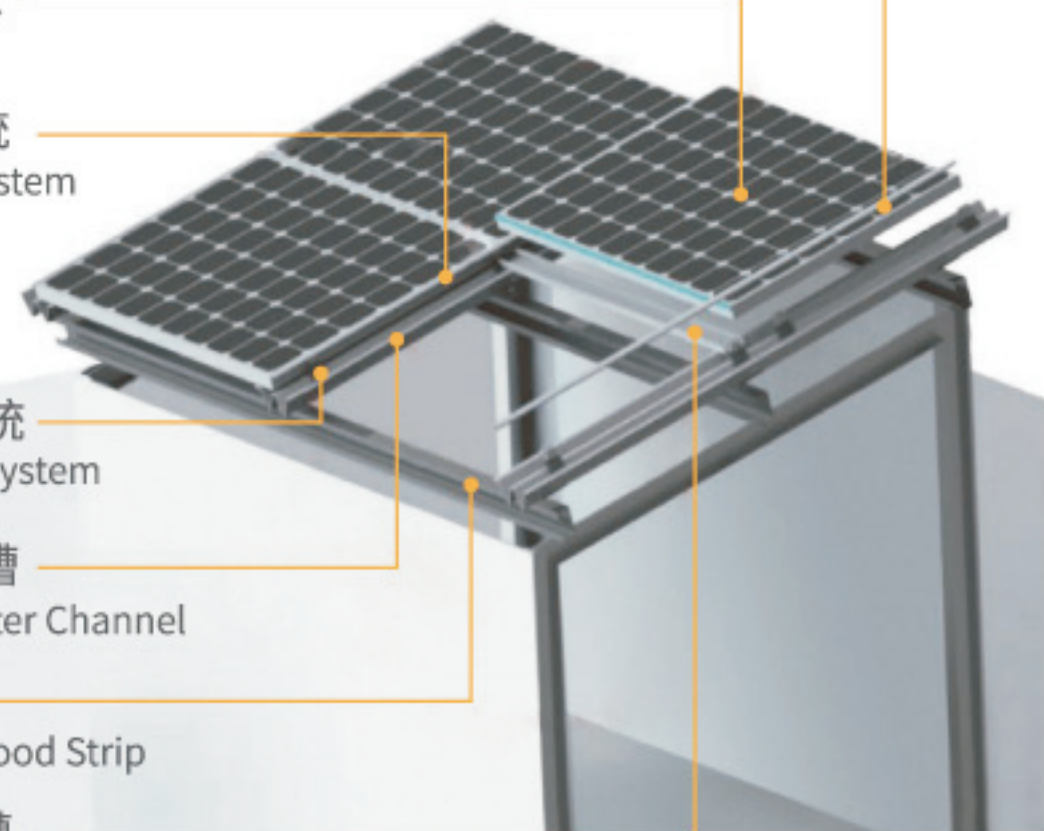
BIPV散热系统  
BIPV Cooling System

BIPV-减震系统  
BIPV Damping System

BIPV-W型水槽  
BIPV W type Water Channel

C型檩条  
C type Sandalwood Strip

BIPV-U型水槽  
BIPV U type Water Channel



## 一站式EPC服务提供者 ONE-STOP EPC SERVICE PROVIDER

### 一站式EPC服务流程 ONE-STOP EPC SERVICE PROCESS

QJ光伏为客户提供“一站式”服务，从立项咨询、方案设计、工程安装、并网支持、检测维护、系统升级、融资贷款等各个环节为您提供一站式服务。

QJ solar provides customers with "one-stop" service, from project consultation, scheme design, project installation, network support, testing and maintenance, system upgrade, financing and loans to provide you with one-stop service.

立项  
咨询

+

方案  
设计

+

工程  
安装

+

并网  
支持

+

维护  
升级

=

EPC  
服务

Project  
consultation

+

Scheme  
design

+

Engineering  
installation

+

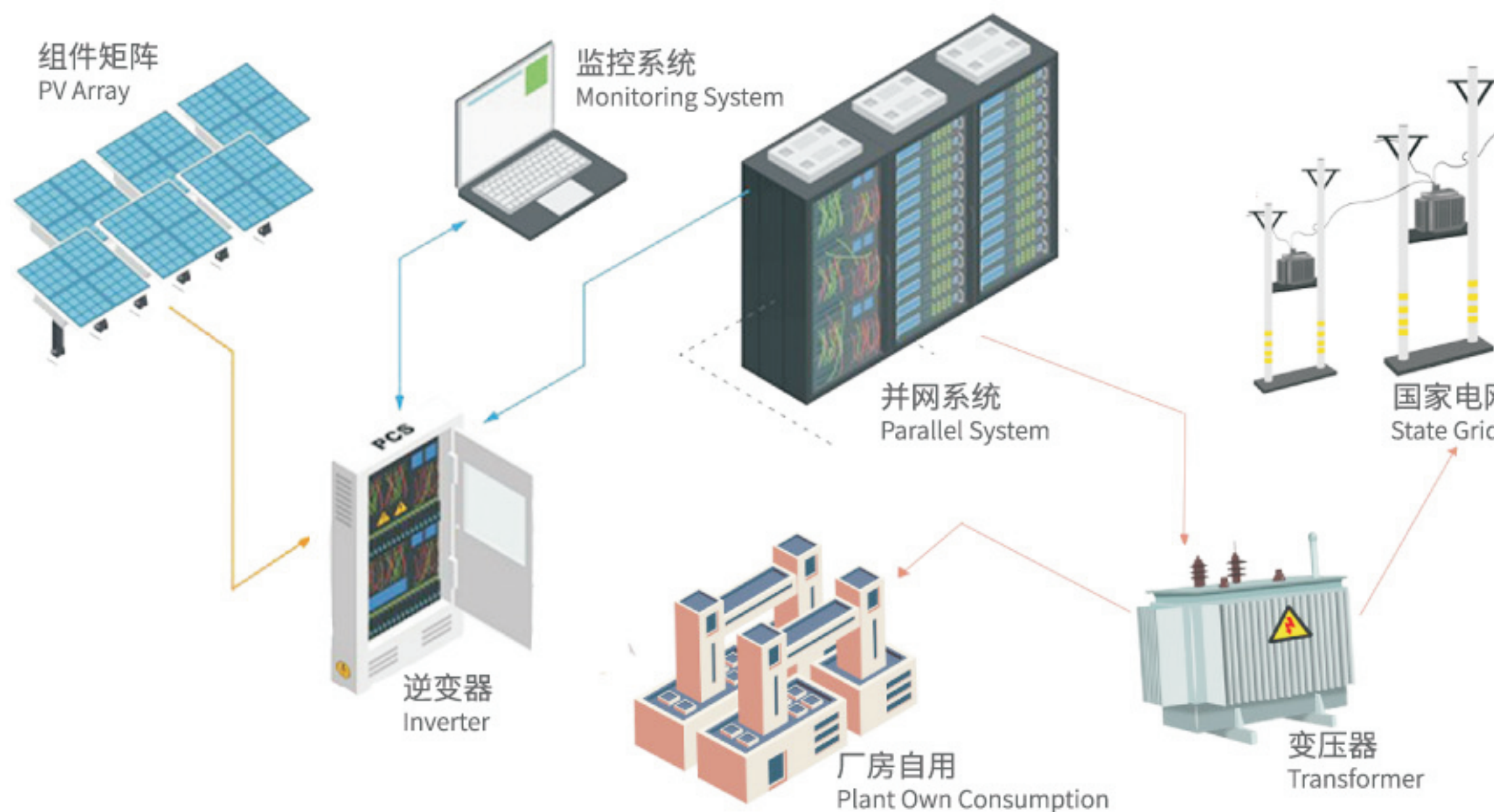
Network  
connection  
support

+

Detection  
Maintenance

=

EPC  
SERVICE



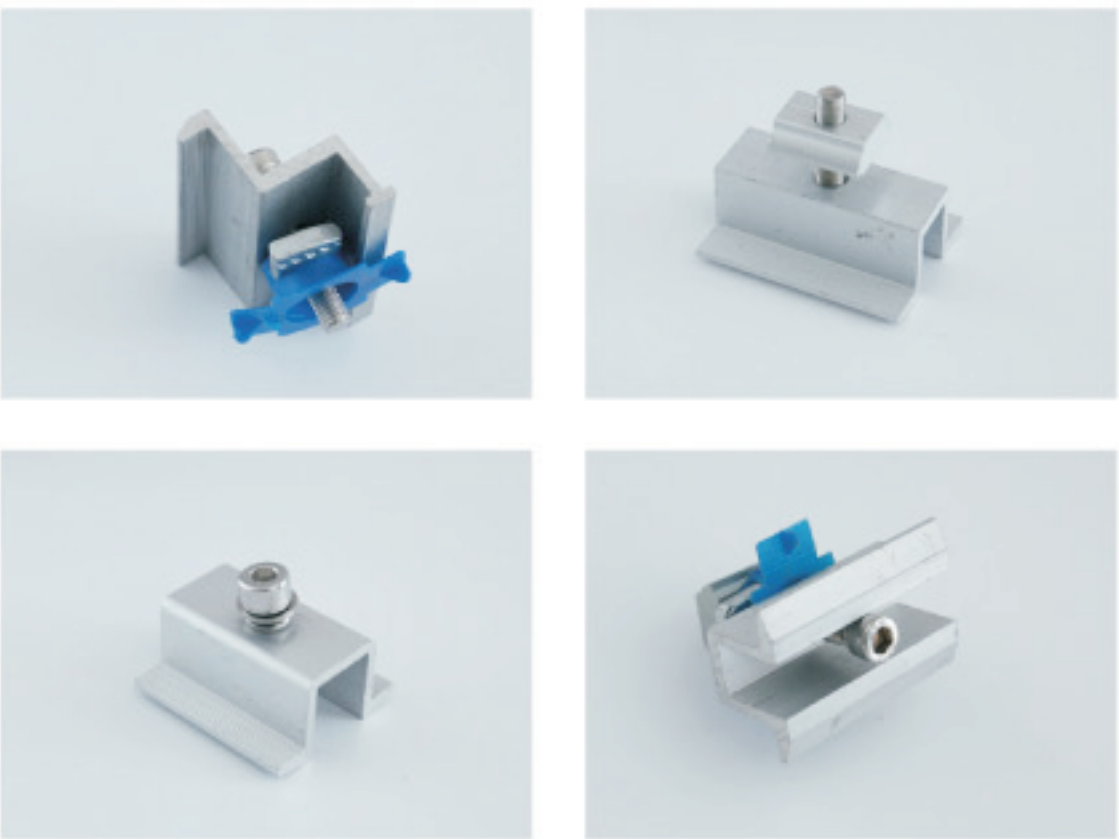




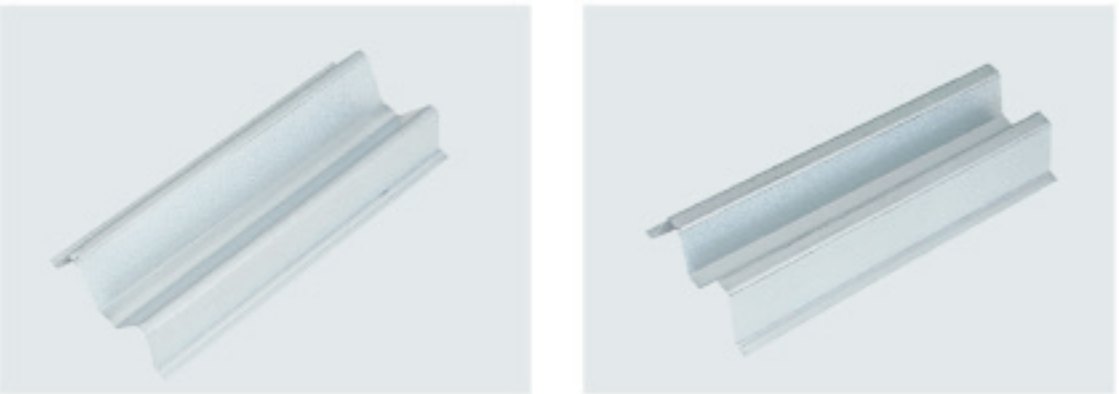
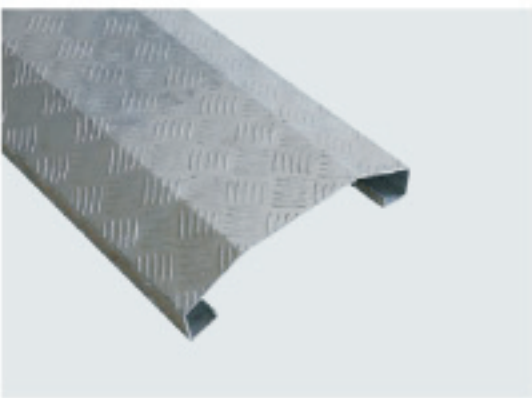
夹具 Seaming Fixture



中压 Mid Clamp 边压 End Clamp



BIPV辅材 BIPV Material



热镀锌/铝合金导轨  
Hot Galvanizing/  
Aluminium Rails



设备 Equipment



逆变器 Inverter



蓄电池 Battery



数据采集箱 Data Collection Box



电柜 Electric Cabinet

配件 Accessories



挂钩 Hook



连接器 Connector



线缆 Cable



支架 Mounting System



光伏工具箱 Photovoltaic Toolbox



Global Over Sea  
Warehouse



24 Hours  
Online Service



25 Years  
Warranty



One-Stop PV  
Solution

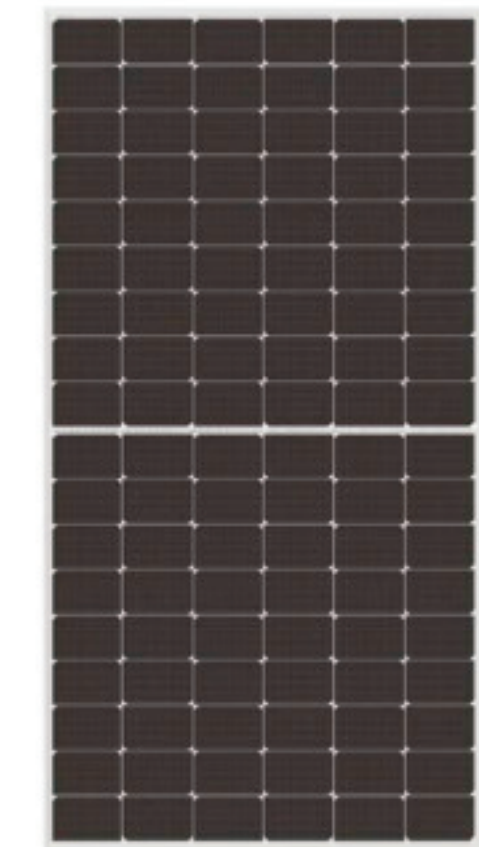


主要产品

MAIN PRODUCTS

单晶硅光伏组件:182单晶54 (108) 半片系列

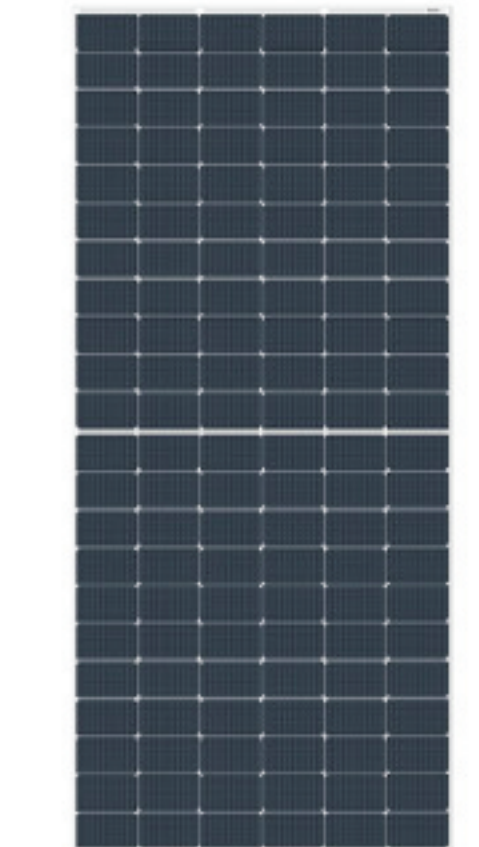
Mono solar panels: 182 Mono 54 (108) half cut cell series



型号 Module Type	QJM 390-415W, 由 54 片 182 单晶电池片通过涂锡铜带焊接,层压,边框封装组合而成。 QJM 390-415W consists of 54 182 single crystal cells welded,laminated and enclosed by tin-coated copper tape.
组件尺寸 Size	1724X1134X30MM/35MM
组件效率 Efficiency	19.9%-21.2%
功率范围 Power output Range	390-415W
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用多主栅 (MBB)半片技术,抗PID性能,优异的弱光发电性能,升级10/11主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting multi-main grid(MBB) half chip technology,anti-PID performance,excellent weak light power generation performance,upgraded 10/11 main grid battery,according to stronger current cell phone capacity, more stable power output.

单晶硅光伏组件:182单晶66 (132) 半片系列

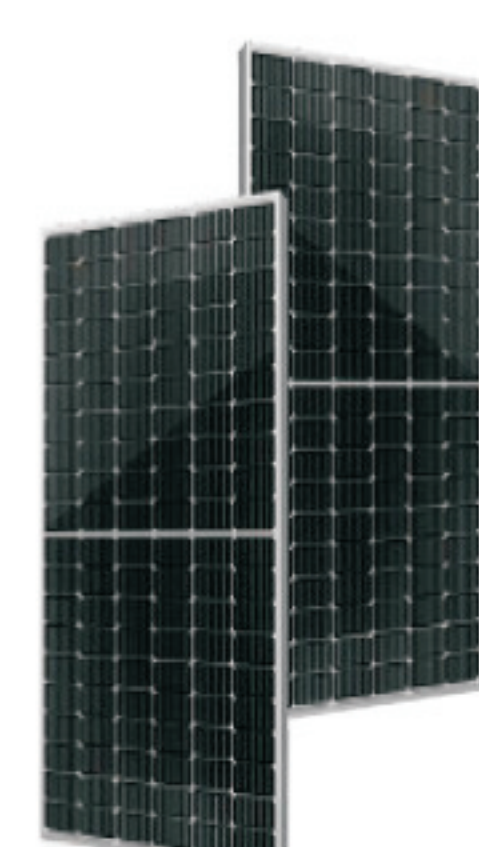
Mono solar panels: 182 Mono 66 (132) half cut cell series



型号 Module Type	QJM 480-505W,由66片182单晶电池片通过涂锡铜带焊接,层压,边框封装组合而成。 QJM 480-505W consists of 66 182 single crystal cells welded, laminated and enclosed by tin-coated copper tape.
组件尺寸 Size	2094X1134X30MM/35MM
组件效率 Efficiency	19.9%-21.2%
功率范围 Power output Range	480-505W
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用多主栅 (MBB)半片技术,抗PID性能,优异的弱光发电性能,升级10/11主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting multi-main grid(MBB) half chip technology,anti-PID performance,excellent weak light power generation performance,upgraded 10/11 main grid battery,according to stronger current cell phone capacity, more stable power output.

单晶硅光伏组件:182单晶60 (120) 半片系列

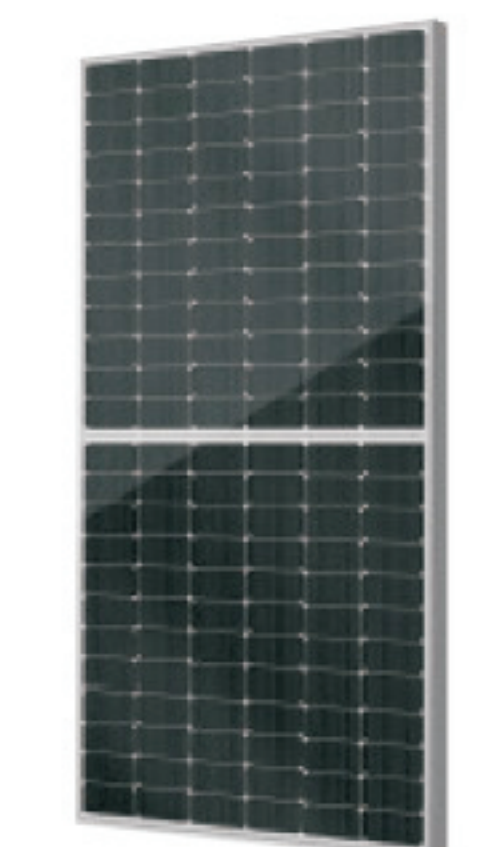
Mono solar panels: 182 Mono 60 (120) half cut cell series



型号 Module Type	QJM 435-460W, 由 60 片 182 单晶电池片通过涂锡铜带焊接,层压,边框封装组合而成。 QJM 435-460W consists of 60 182 single crystal cells welded,laminated and enclosed by tin-coated copper tape.
组件尺寸 Size	1909X1134X30MM/35MM
组件效率 Efficiency	20.2%-21.2%
功率范围 Power output Range	435-460W
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用多主栅 (MBB)半片技术,抗PID性能,优异的弱光发电性能,升级10/11主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting multi-main grid(MBB) half chip technology,anti-PID performance,excellent weak light power generation performance,upgraded 10/11 main grid battery,according to stronger current cell phone capacity, more stable power output.

单晶硅光伏组件:182单晶72 (144) 半片系列

Mono solar panels: 182 Mono 72 (144) half cut cell series



型号 Module Type	QJM 525-550W, 由 72 片 182 单晶电池片通过涂锡铜带焊接,层压,边框封装组合而成。 QJM 525-550W consists of 72 182 single crystal cells welded,laminated and enclosed by tin-coated copper tape.
组件尺寸 Size	2279X1134X30MM/35MM
组件效率 Efficiency	20.4%--21.4%
功率范围 Power output Range	525W-550W
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用多主栅 (MBB)半片技术,抗PID性能,优异的弱光发电性能,升级10/11主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting multi-main grid(MBB) half chip technology,anti-PID performance,excellent weak light power generation performance,upgraded 10/11 main grid battery,according to stronger current cell phone capacity, more stable power output.



## 主要产品 MAIN PRODUCTS

### 单晶硅光伏组件:166单晶60(120)半片系列

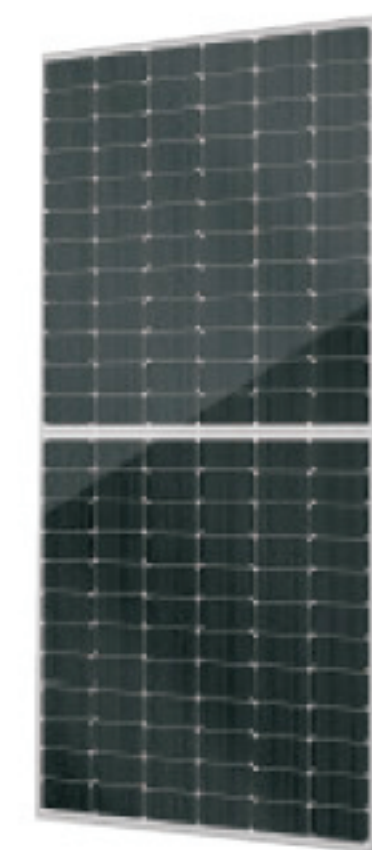
Mono solar panels: 166 Mono 60 (120) half cut cell series



型号 Module Type	QJM 355-380W, 由 60 片 182 单晶电池片通过涂锡铜带焊接,层压,边框封装组合而成。 QJM 355-380W consists of 60 182 single crystal cells welded,laminated and enclosed by tin-coated copper tape.
组件尺寸 Size	1757X1039X30MM/35MM
组件效率 Efficiency	19.19%-20.54%
功率范围 Power output Range	355-380W
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用多主栅(MBB)半片技术,抗PID性能,优异的弱光发电性能,升级9主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting multi-main grid (MBB) half chip technology, anti-PID performance,excellent weak light power generation performance,upgraded 9 main grid battery,according to stronger current cell phone capacity, more stable power output.

### 单晶硅光伏组件:单晶双玻半片系列

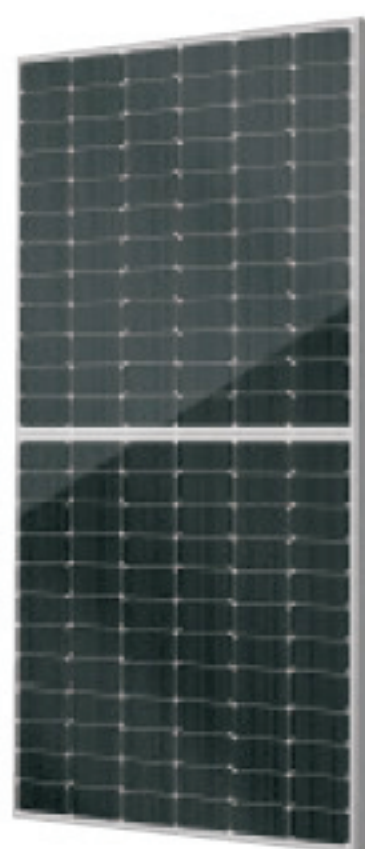
Mono solar panels:Mono bifacial double glass half cut cell series



型号 Module Type	QJDG 双玻系列, 由单晶双面电池片通过涂锡铜带焊接,层压,边框封装组合而成,166mm/182mm 各种型号,满足您的需求。 It is composed of mono bifacial solar cell pieces by tin-coated copper belt welding,lamination,Frame packaging.Customized to your needs.
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用双面技术和多主栅(MBB)半片技术,抗PID性能,优异的弱光发电性能,升级 9/10/11 主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting Bifacial technology and multi-main grid (MBB) half chip technology anti-PID performance,excellent weak light power generation performance,upgraded 9/10/11 main grid battery,according to stronger current cell phone capacity,more stable power output.

### 单晶硅光伏组件:166单晶72(144)半片系列

Mono solar panels: 166 Mono 72 (144) half cut cell series



型号 Module Type	QJM 435-460W, 由 72 片 182 单晶电池片通过涂锡铜带焊接,层压,边框封装组合而成。 QJM 435-460W consists of 72 182 single crystal cells welded,laminated and enclosed by tin-coated copper tape.
组件尺寸 Size	2094X1038X30MM/35MM
组件效率 Efficiency	19.63%-20.75%
功率范围 Power output Range	435-460W
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用多主栅(MBB)半片技术,抗PID性能,优异的弱光发电性能,升级9主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting multi-main grid (MBB) half chip technology, anti-PID performance,excellent weak light power generation performance,upgraded 9 main grid battery,according to stronger current cell phone capacity, more stable power output.

### 单晶硅光伏组件:单晶全黑半片系列

Mono solar panels: Mono full black half cut cell series



型号 Module Type	全黑组件由全黑电池片,黑边框,黑背板等组成,通过焊接,层压,边框封装组合,166mm/182mm 多种型号任您选择。 It is composed of full black solar cell,black frame etc, welded,laminated and enclosed by tin-coated copper tape,Customized to your needs.
质保 Warranty	12 年产品材料与工艺质保,25 年线性输出功率质保。 12 years limited product warranty,25 years performance warranty.
特性 Features	采用多主栅(MBB)半片技术,抗PID性能,优异的弱光发电性能,升级 9/10/11 主栅电池片,据有更强的电流手机能力,电力输出更稳定。 Adopting multi-main grid(MBB)half chip technology anti-PID performance,excellent weak light power generation performance, upgraded 9/10/11 main grid battery, according to stronger current cell phone capacity, more stablepower output.



## 生产设备 PRODUCTION EQUIPMENT

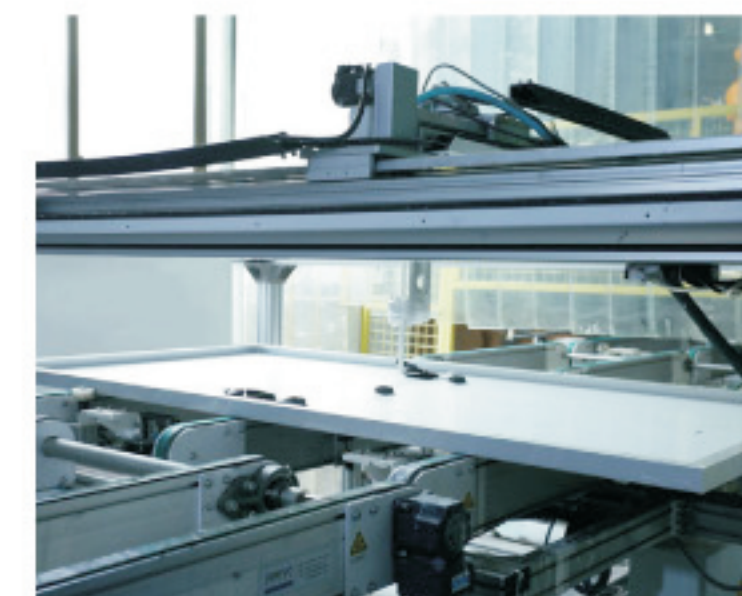
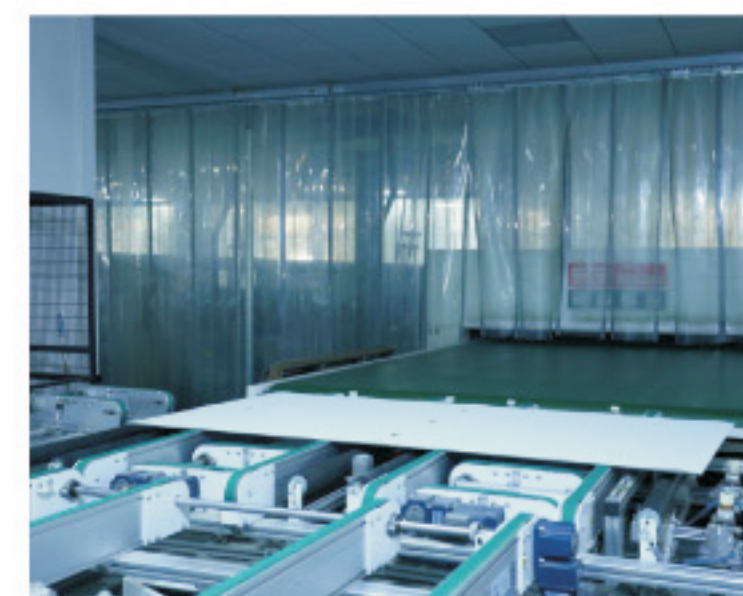
公司不断引进行业内领先的设备和生产工艺, 拥有行业内最先进的全自动组件生产线像先导串焊机, 实现了产品全自动化流水线操作。

The company continues to introduce the industry's leading equipment and production process, with the industry's most advanced automatic component production line such as pilot series welding machine, to achieve full automatic product line operation.



## 工厂及 生产车间

Factory and  
Production workshop





# 项目 PROJECT



印尼 1MW项目  
1 MW Project in Indonesia



宁波 1MW项目  
1MW Project in Ningbo



西班牙 1MW项目  
1MW Project in Spain



德国 3MW项目  
3MW Project in Germany



意大利 3MW项目  
3MW Project in Italy



宁波 1.2MW项目-1  
1.2MW Project in Ningbo-1



宁波 1.2MW项目-2  
1.2MW Project in Ningbo-2



江苏 3MW项目  
3MW Project in Jiangsu



南非 5MW项目  
5MW Project in South Africa



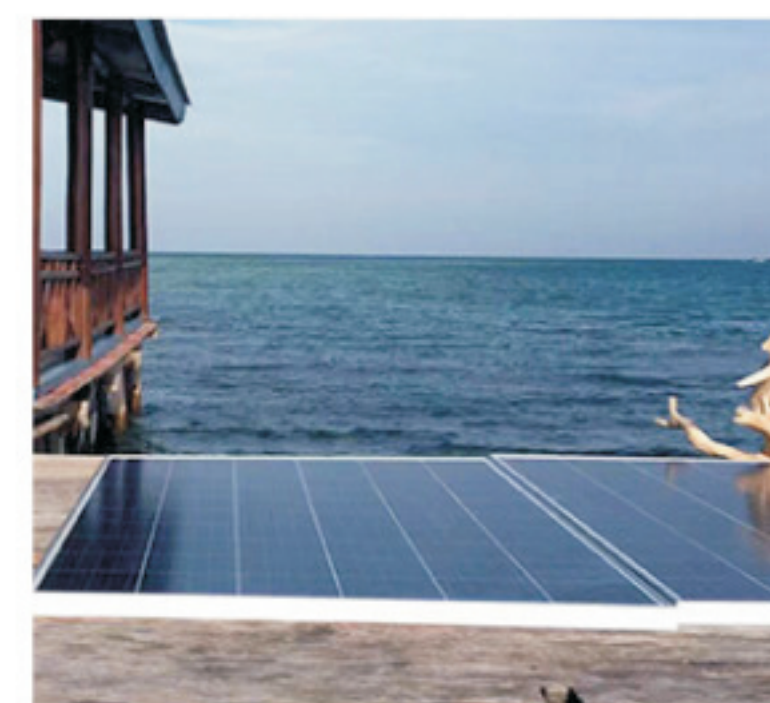
宁波 6MW项目  
6MW Project in Ningbo



慈溪 1.2MW项目  
1.2MW Project in Cixi



意大利 2MW项目  
2MW Project in Italy



印尼 600KW项目-1  
600KW Project in Indonesia-1



印尼 600KW项目-2  
600KW Project in Indonesia-2



印尼 800KW项目  
800KW Project in Indonesia



## 展会 EXHIBITION



广交会  
Canton Fair 2018.04



菲律宾展会  
Philippines 2018.05



印尼展会  
Indonesia 2018.05



印度展会  
India 2018.09



澳大利亚展会  
Australia 2018.10



荷兰展会  
Netherlands 2019.03



德国展会  
Germany 2019.05



上海展会  
SNEC 2019.06



墨西哥展会  
Mexico 2019.09



上海展会  
SNEC 2020.08



广交会  
Canton Fair 2021.10



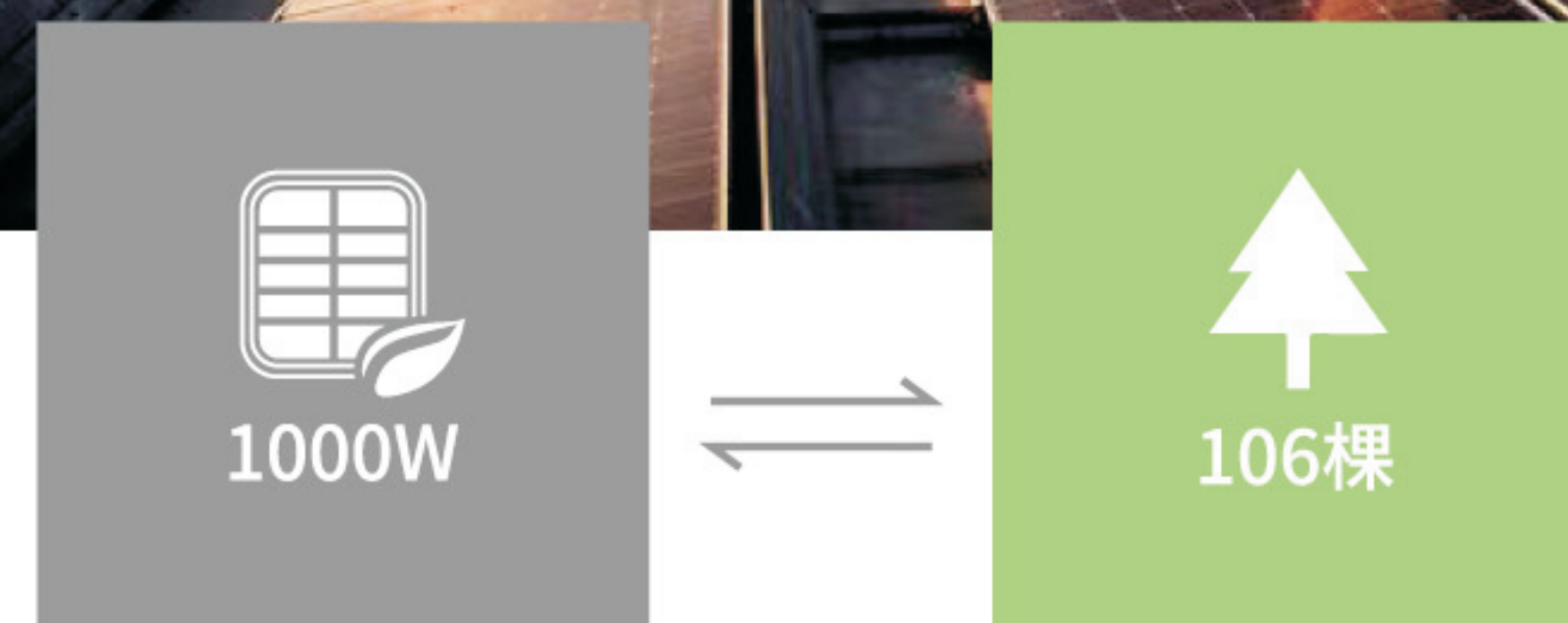
广交会  
Canton Fair 2021.10



德国展会  
Germany 2022.05

QJ 光伏  
为低碳绿色生活提供解决之道

QJ SOLAR PROVIDE SOLUTION  
FOR LOW CARBON GREEN  
ENERGY LIFE



1KW光伏组件所作出得环境效益相当于植树106棵

QJ光伏产品800MW等于800000000相当于植树84800000棵