



20 YEARS

Solar PV Industry Manufacturing Experiences

- Small PV Modules
- Black PV Modules
- Folding Solar Modules
- Flexible Solar Modules
- Standard PV Modules
- Bifacial PV Modules





Fortunes Solar Technology Co., Ltd, called in short of Fortunes Solar, is one of earliest international company that entered into solar PV module designing and manufacturing in 2002. By a decade development, Fortunes Solar now becomes one of leading and fast growing energy provider worldwide with standard and customized solar modules covering the range of 10W to 650W. Fortunes Solar upholds its belief that innovation is the key driver behind advancement by pursuing new technologies and higher efficiencies.

Our company and products are awarded with management system certificate ISO and international products quality certificate TUV IEC61215/61730 and CE, within these system, all solar panels delivered by Fortunes have been receives well recognition globally for their superiors manufacturing process and strict testing to promise the energy user for 25 years product's performance warranty.

Fortunes Solar would like to be your valued solar partner - delivering to you limitless power that keeps the world greener.

20 year
manufacturing experience

1.5 GW
Solar Energy Delivered

25 Intl' Markets
footprint

Our History



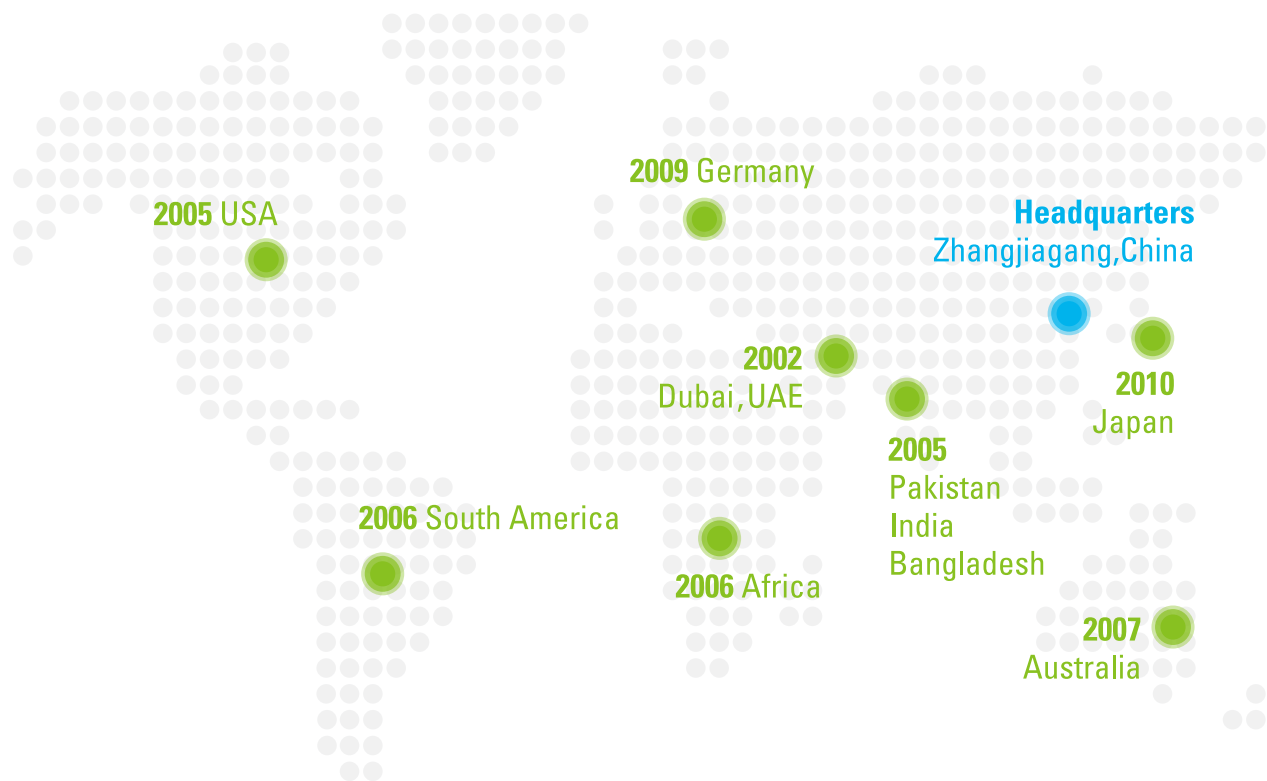
By a decade development, Fortunes Solar now becomes one of leading and fast growing energy provider worldwide with standard and customized solar modules covering the range of 10W to 650W.

- 2021** Installed another two auto line to produce power up to 650W
- 2020** Awarded new IEC certificate to cover bigger powers and introduced automatic production facilities to produce HC cell technology modules
- 2019** Introduced automatic production facilities to improve the working efficiency, processing and quality
- 2018** Established EPC and O&M department of solar plant
- 2015** Awarded with IEC61215/61730 to cover all power from 10W up to 290W as one of very few factories who has a certificate to cover small panels to big powers
- 2014** Moved to a new factory
- 2008** Acquired Zhangjiagang PV Co., Ltd and started the production of small solar panels
- 2002** Fortunes Solar established for producing garden lamps and solar street lamps

Global Presence



Global Foodprint



International Presence



China

Australia

Kenya

Phillipine

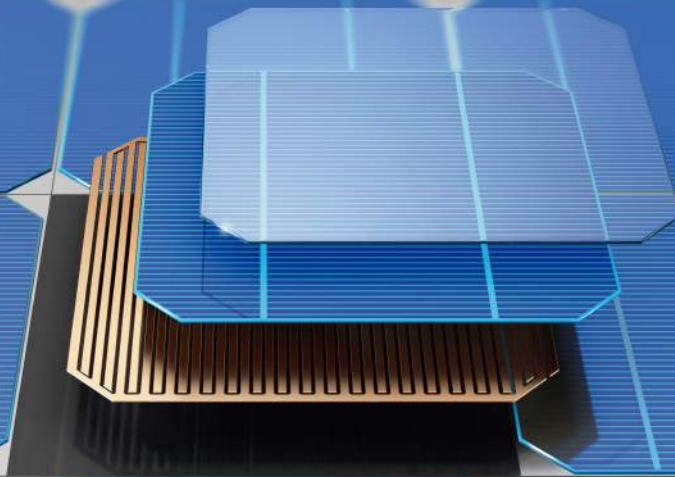
Germany

Bangladesh

Indonesia

Spain

Products



Small PV Modules

5W - 200W



FDS high quality Small PV Modules are particularly designed for various occasions where no grid connection to generate the eco-friendly and reliable energy from the sun. It is mainly used for SHS, solar lightings, field working, rural electrification, solar pumping system, telecommunication tower, remote monitoring system, etc.

Standard PV Modules

300W - 650W



FDS series high efficiency and high quality solar modules are manufactured with cutting Edge Technologies and professional workmanship. They have been proven their reliability and high return by installed in various projects world wild from rooftop to solar farms, delivering the limitless power that turns the world greener.

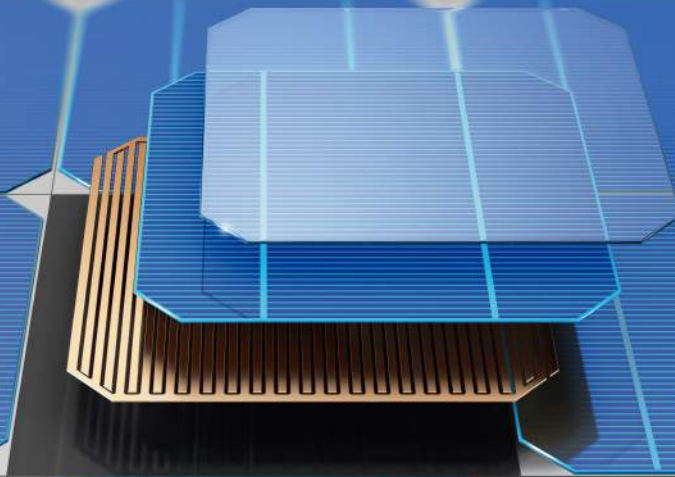
Bifacial PV Modules

500W - 650W



FDS series bifacial solar modules are manufactured with bifacial cells with double glass or transparant backsheet technology. It can produces power from both sides of a bifacial module, increasing total energy generation by 5% to 25%. They have been proven their reliability and high return by installed world wild in bigger capacity flat roof, ground mounted solar projects, delivering the limitless power that turns the world greener.

Products



Black PV Modules

10W - 450W



FDS series black solar modules are manufactured with aesthetic design for residential rooftop installation integrated among the tiles and make your roof looks sleek & stylish.

Folding Solar Modules

20W - 200W



FDS Series folding solar panels are designed to provide a solar power charging solution for your house or auxiliary battery of camping, RV. They feature the folding panel with Anderson Plug connection and a strong nylon carry bag. The panel itself features reinforced aluminum legs, top quality hinges and latches and a fold-away handle.

Flexible Solar Modules

20W - 200W



FDS series solar modules is an innovative glass-free flexible solar module. It adopts proven crystalline silicon solar cell technology and polymer composite material to achieve a new type of pv module that is glass-free, lightweight and thin sheet. The thickness can be reduced to 2.5mm. We customize the shape and size and achieve custom design and production.

Core Technologies



Solar Cells Inspection and Sorting

A detection and screening for the appearance defects, color differences, internal defects and lack of process performance of the cells



Solar Cells Cutting

To cut the solar cells as per the power needs to be connected for a total power output of solar module



Cells Soldering

To connect the cells in series or parallel by automatic soldering.



Lay Up

To lay the structural materials together in order with EVA, Glass, Backsheet and solar cells



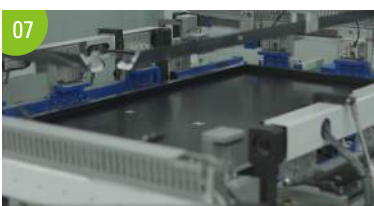
EL Testing

To test if there is breakage defect on cells before and after lamination



Lamination

First pull out the vacuum and then heat it to melt the EVA and bond it with the laid cells, glass and backplane and finally keep it in a solidified state.



Framing

Set all aluminium frame with encapsulated semi-module to be a completed products



Flash Testing

To test the power output if solar module can reach the rated power.



Packing

Pack the solar modules with master carton and standard pallets

Certificates



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 0482913127R15

We hereby certify that the organization:
Jiangu Fortunes Solar Technology Co., Ltd.
Unified social credit code: 9132058274181443J

is in conformity with Quality Management System Standard:
GB/T19001-2016 / ISO9001:2015

The certificate is valid to the following products/service:
Research and Production of Solar Street Lamps and Solar Photovoltaic Modules

Registration Address: No. 136, North 2nd Circle Road, Yangtze Town, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China
Physical Address: No. 2, North 2nd Circle Road, Provincial Economic Development Zone, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China (Production Address); No. 136, North 2nd Circle Road, Yangtze Town, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China (Office Address)

Start Date of Current Certificate Cycle: 2020-08-19
End Date of Current Certificate Cycle: 2023-08-19
End Date of Last Certificate Cycle: 2020-08-19
Re-evaluation Audit Date of Last Certificate Cycle: 2020-08-19
Date of Initial Issue: 2017-06-05

Issued By: **Beijing Head International Certification Co., Ltd.**
Address: Room 1807, Building 3, No. 18, Beiyuan East Road, Chaoyang District, Beijing, P. R. China (100021)

ISO9001

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 20E120R15

We hereby certify that the organization:
Jiangu Fortunes Solar Technology Co., Ltd.
Unified social credit code: 9132058274181443J

is in conformity with Environmental Management System Standard:
GB/T24001-2016 / ISO14001:2015

The certificate is valid to the following products/service:
Research and Production of Solar Street Lamps and Solar Photovoltaic Modules and Related Management Activities

Registration Address: No. 136, North 2nd Circle Road, Yangtze Town, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China
Physical Address: No. 2, North 2nd Circle Road, Provincial Economic Development Zone, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China (Production Address); No. 136, North 2nd Circle Road, Yangtze Town, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China (Office Address)

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Issued By: **Beijing Head International Certification Co., Ltd.**
Address: Room 1807, Building 3, No. 18, Beiyuan East Road, Chaoyang District, Beijing, P. R. China (100021)

ISO14001

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Certificate No.: 048291220R15

We hereby certify that the organization:
Jiangu Fortunes Solar Technology Co., Ltd.
Unified social credit code: 9132058274181443J

is in conformity with Occupational Health Safety Management System Standard: **GB/T45001-2020 / ISO45001:2018**

The certificate is valid to the following products/service:
Research and Production of Solar Street Lamps and Solar Photovoltaic Modules and Related Management Activities

Registration Address: No. 136, North 2nd Circle Road, Yangtze Town, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China
Physical Address: No. 2, North 2nd Circle Road, Provincial Economic Development Zone, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China (Production Address); No. 136, North 2nd Circle Road, Yangtze Town, Zhenjiang City, Suzhou City, Jiangsu Province, P. R. China (Office Address)

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Issued By: **Beijing Head International Certification Co., Ltd.**
Address: Room 1807, Building 3, No. 18, Beiyuan East Road, Chaoyang District, Beijing, P. R. China (100021)

ISO45001

Shenzhen Toby Technology Co., Ltd.
1402, Jialing Industrial Estate Zone, No. 10, Beiyuan East Road, Chaoyang District, Beijing, P. R. China (100021)

CERTIFICATE OF CONFORMITY

Certificate No.: T0180181516

Applicant: **JIANGSU FORTUNES SOLAR TECHNOLOGY CO., LTD.**
Address: No. 136, 2nd Circle Road (North), Zhenjiang City, Jiangsu, China
Manufacturer: **JIANGSU FORTUNES SOLAR TECHNOLOGY CO., LTD.**
Address: No. 136, 2nd Circle Road (North), Zhenjiang City, Jiangsu, China

Product: solar module
Model: 347E, 1-347W

Test Standard: **EN 61215 : 2006**

The EUT described above has been tested by us with the listed standards and found to comply with the Council LVD Directive 2014/34/EU. It is possible to use CE marking to demonstrate the compliance with the LVD Directive.
The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: T0180181516.

Issued on: 2018-05-23

CE Certificate

CERTIFICATE TUV NORD

TUV NORD CERT GmbH
herewith declares that

Jiangu Fortunes Solar Technology Co., Ltd.
No. 136, 2nd Circle Road (North), Zhenjiang City, Jiangsu Province, 215000 P.R. China

is authorized to provide the product mentioned below with the mark as indicated:

Description of product (include see Annex 2):
PV Modules with 6" Mono-crystalline Silicon Solar Cells
PV Modules with 6" Mono-crystalline Silicon Solar Cells

Product Model:
6" Mono-crystalline Silicon Solar Cells

Tested according to: IEC 61215-1:2005, IEC 61215-2:2005-A1:2011-A2:2013, EN 61713-1:2007-A1:2012-A2:2013, IEC 61713-2:2005-A1:2011, EN 61713-2:2007-A1:2012

Registered No.: 44 786 18 400148 - 301
Manufacturer: see Annex 1
Test Report No.: 020712005_302
File No.: 24741203018

Valid until: 2023-01-16

TUV NORD CERT GmbH
Certification Body
Customer Product

Please also pay attention to the information stated below!

Mono_IEC61215-61730

CERTIFICATE TUV NORD

TUV NORD CERT GmbH
herewith declares that

Jiangu Fortunes Solar Technology Co., Ltd.
No. 136, 2nd Circle Road (North), Zhenjiang City, Jiangsu Province, 215000 P.R. China

is authorized to provide the product mentioned below with the mark as indicated:

Description of product (include see Annex 2):
PV Modules with 6" Poly-crystalline Silicon Solar Cells

Product Model:
6" Poly-crystalline Silicon Solar Cells

Tested according to: IEC 61215:2005, IEC 61713-1:2005-A1:2011-A2:2013, EN 61713-1:2007-A1:2012-A2:2013, IEC 61713-2:2005-A1:2011, EN 61713-2:2007-A1:2012

Registered No.: 44 786 18 400148 - 302
Manufacturer: see Annex 1
Test Report No.: 020712005_302
File No.: 24741223018

Valid until: 2023-01-16

TUV NORD CERT GmbH
Certification Body
Customer Product

Please also pay attention to the information stated below!

Poly_IEC61215-61730

Applications



Ground Mounting Project



Rooftop Industrial Building



Solar Home System



Solar Lighting



Solar Monitoring System



Solar Power System for
RV and Camping



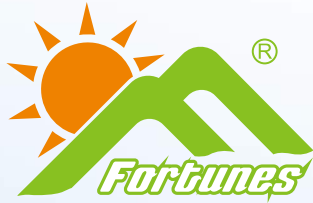
solar-water-pumping



Yacht Charging



More Applications



Solar PV

Industry Manufacturing Experience

#2, North Second Ring Road, Zhangjiagang City, China, 215600

Tel: 0086-512-58542102

Email: sales@fortunes-solar.com.cn

Website: www.fortunes-solar.com.cn

