

LUXEN SOLAR ENERGY CO.,LTD.

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High
Performance
Solar
Module Brand

in
QUALITY
we
TRUST



Dear sun seekers,

LUXEN is more than a manufacturer of solar energy products.

LUXEN is a creation , a vision, an aspiration.

A creation of a team of professionals who have witnessed the up and down of the solar energy industry.

A vision of building a world-wide trusted solar energy brand and bringing the affordable solar energy to everyone.

An aspiration for career success, better life, sustainable future and healthier environment.

Therefore, we have never stopped the pace towards the excellence.

President of LUXEN SOLAR

PREFACE

A world-class solar product manufacturer

Founded in 2011, LUXEN Solar has been recognized as a steadily growing company with the corporate philosophy of transmitting the reliability and value to the customers.

From the beginning until now, LUXEN has always been focusing on the quality as the pillar of growth of the company. We have established a comprehensive range of tests and controls before, during and after the production, following the guidelines of IEC 61215 & IEC 61730 requisites. With the ISO 9001 accredited manufacturing plant, the fully automated production line and the state-of-the-art technology, we guarantee the most reliable quality of LUXEN's solar panels and hence assure the success of the projects of our clients.

COMPANY

A global partner you can rely on

Number of Employees

600
persons

Branches
World Wide

6

Spain, Japan, Brazil,
Poland, Australia, China

Bankable for **40+**
Banks around the
World

Annual Growth
Rate of **69%**

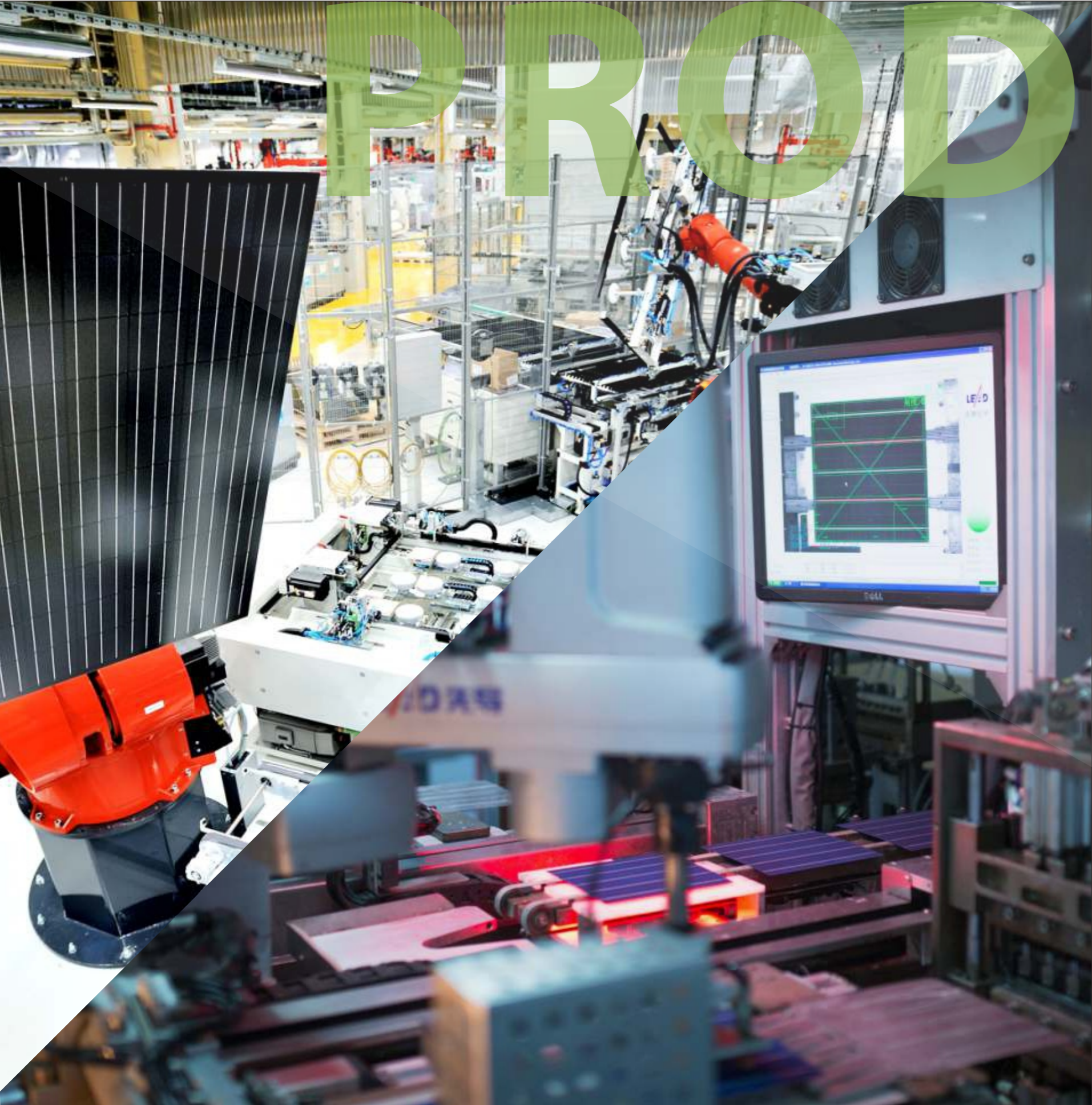
2 Millions of
Families Powered
by LUXEN Solar
Modules

350+ Patents of
Solar Technology

90+ Countries
with LUXEN Solar
Module Installations



PRODUCTION



Intelligent production

- ◇ Less human engaged production means less human made mistakes
- ◇ High production efficiency due to less working intensity for workers
- ◇ Modularized production system enables fast delivery and cost savings
- ◇ Real time monitored and recorded quality for continuous improvement

World class manufacturing

The ISO 9001 & 14001 accredited manufacturing plant, the fully automated production line and the state-of-the-art technology guarantee the most reliable quality of LUXEN's solar panels in accordance with international standards of IEC 61730 and IEC 61215.

QUALITY

Stringent Selection of Components

Quality is the cornerstone for the growth of the company and our compromise to the clients. We apply a rigorous system of control procedures following the guidelines of TUV requisites and implement a comprehensive range of tests before, during and after the production.

Quality as the gem of our products

Good materials determine the inner quality of the final products and this is the reason for which we demand high standards to our partners of components. For the maximum assurance of the high quality of our solar panels, we only choose certified and brand-known components.



25 years
power warranty

12 years
product warranty



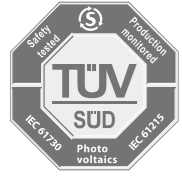
Rigorous In-house & Outdoor Testing

To sustain the stable quality of the products and to minimize the risk of defects, we monitor the real-time in-process production from raw materials to final products in our own laboratory. We also associate with TUV laboratories in outdoor performance tests of our products in real life conditions, just to ensure the most reliable quality and to meet the 25-year use life requirements.

Holistic Production Control Process

We apply a rigorous system of control procedures following the guidelines of TUV requisites and implement a comprehensive range of tests during the production.

INSURANCES



Comprehensive Certifications

Prestigious third party certifications are the best proof of LUXEN's solar panel quality. Our solar panels have passed the rigorous certification tests led by TUV accreditation agencies and can meet the highest quality requirements from around the world.

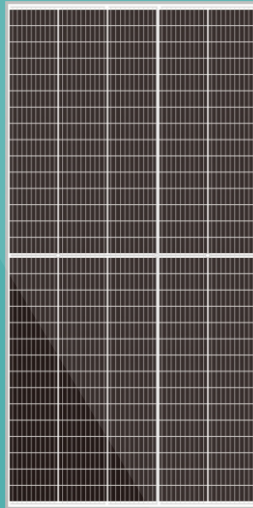
Strong Backup for Safe Investment

In order to protect the investment of our clients in solar energy and ensure the 25-year use life, our solar panels are strongly backed by the world-class insurance groups such as CHUBB and PICC to give the maximum quality guaranty to our clients.

Insured by
CHUBB[®]
PICC

CERTIFICALATES

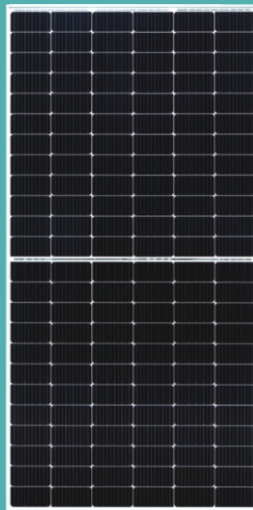




SERIES 6 210mm Modules

LUXPOWER®

LUXPOWER® Series 6 solar modules stand out with the breakthrough innovation of M12 size (210mm) solar cells for the highest power generation and the lowest LCOE, which makes Series 6 the optimal choice for large solar power plants. The gallium-doped wafer technology empowers significantly the performance against LID and the latest integrated segmented ribbon technology increases the power output and enhances the module reliability for long-term use.



SERIES 5 182mm Modules

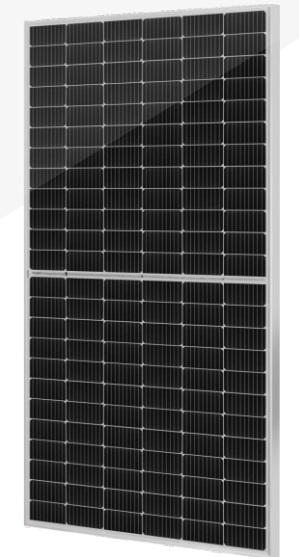
LUXPOWER®

The breakthrough innovation of M10 (182mm) solar cell with the gallium-doped technology empowers the LUXPOWER® Series 5 BIFACIAL solar modules with the highest power generation and the lowest LCOE, reducing the LID defect, the hot spot risk and the shading effects and increasing significantly the power output by absorbing the diffused light on the rear side. The double-glass framed construction enhances the long-term durability and performance of the module in all conditions.

SERIES 4 166mm Modules

LUXPOWER®

Assembled with the M6 wafer based high efficiency cells, LUXPOWER® Series 4 BIFACIAL solar modules feature the innovative twin-panel design and the advanced technologies of bifacial cell, half-cut cell, 9 busbars and round wire ribbon interconnection, reducing the hot spot risk and shading effects and increasing significantly the power output by absorbing the diffused light on the rear side. The double-glass construction enhances the long-term durability and performance of the module in all conditions.



PRODUCTS



120MW Project
Anhui, China
2016



500KW Project
IZMIR, Turkey
2014



3MW Project
Kumamoto, Japan
2015



900KW Project
SIP, Suzhou, China
2018



152KW Project
Switzerland
2018



56KW Double Glass Project
CA, USA
2012



Discover more



REFERENCE