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Tier 1
BloombergNEF

LUXEN
SOLAR

IN QUALITY WE TRUST

VISION

Create a world-wide respected solar energy brand

We don't pursue to be a big firm; we want to be a respected company with our own dreams and values. For LUXEN, a worldwide recognized brand with core competences is the solid foundation for the sustainable growth of our company.

MISSION

Provide affordable solar energy products to our daily life

Affordability is the key point for the general application of solar energy. LUXEN is constantly dedicating its best efforts to offer the best cost-effective / proven performance solar products to the clients. Everyone has access to the sunshine energy.

ABOUT LUXEN

Originated from Europe with 18 years in the solar energy industry, LUXEN is a professional solar energy product manufacturer with an international vision and the global presence. Now successfully ranked as a BloombergNEF Tier 1 PV module manufacturer. At present, LUXEN has an effective production capacity of 2GW for PERC and 1GW for TOPCon technology solar modules and is planning to extend another production capacity of 1GW for TOPCon in the near future.

From its branches in Spain, Italy, Japan, Australia and Brazil, LUXEN is serving the clients in more than 90 countries with more than 6GW accumulative solar module delivery by the end of 2022. Our vision is building an internationally recognized company with outstanding technologies, cost-effective production capabilities and global sales networks.

LUXEN AT A GLANCE

Tier 1 Solar Module Manufacturer
by **BloombergNEF**

2GW PERC+1GW TOPCon+1GW TOPCon
Production Capacity (In Near Future)

6GW
Solar Module Delivered by the end of 2022

90+
Countries Distriubtion

650+
Global Employees

400+
Technology Patents

MILESTONES OF OUR DEVELOPMENT

2005

- Spain, Europe office established

2011

- Suzhou manufacturing base established

2015

- First automatic production line

2016

- Global export top 50

2017

- Two industry 4.0 intelligent production lines

2018

- Global export top 20

2019

- Global shipment over 3GW

2020

- Nantong manufacturing base established, annual capacity over 2GW

2021

- World class TÜV witness laboratory started

2022

- Release the N-type TOPCon cell module
- Tier 1 Solar Module Manufacturer by BloombergNEF

GLOBAL PRESENCE

Production Facility: Nantong (China)
Branches: Murcia (Spain), Bologna (Italy), San Paulo (Brazil), Osaka (Japan), Melbourne (Australia)
Warehouses: Valencia (Spain), Amsterdam (Netherland), San Paulo (Brazil)

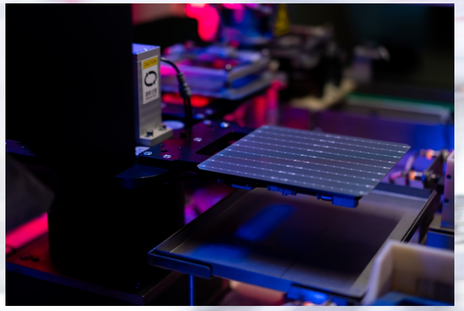
WORLD CLASS MANUFACTURING

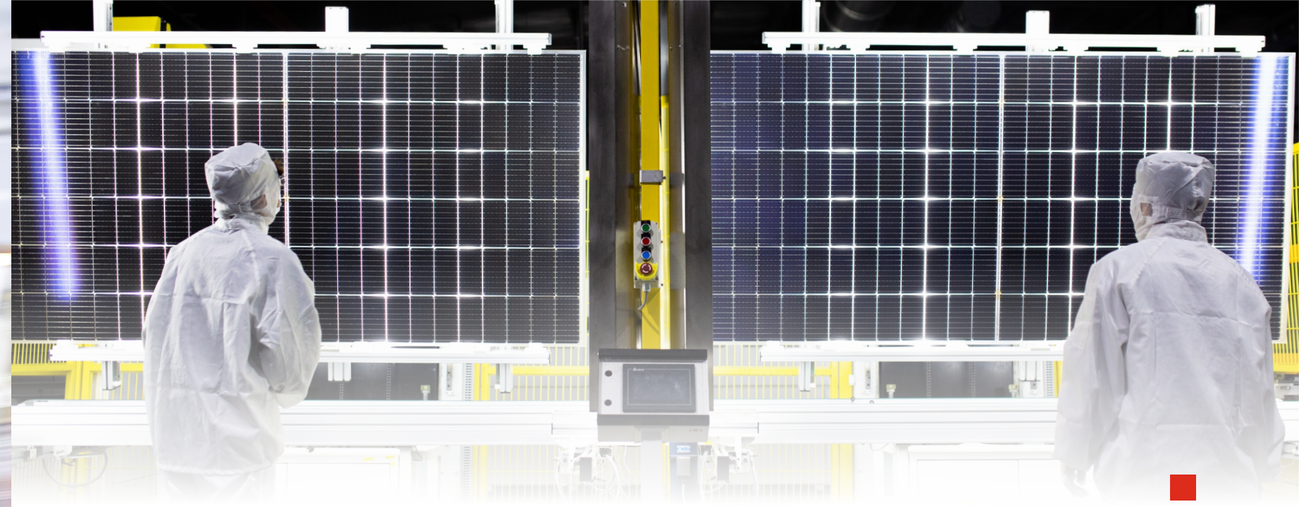
The ISO 9001 & 14001 accredited manufacturing plant, the fully automated production line and the state-of-the-art technology guarantee the most reliable quality of LUXEN's solar panels in accordance with international standards of IEC 61730 and IEC 61215.

50+
Patents

7x24
Real Time Monitoring

99.9%+
Good Product Yield Rate





RIGOROUS & COMPREHENSIVE QUALITY CONTROL SYSTEM

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.

- **Supply Chain and In-Come Materials Control**

  LUXEN conducts a stringent selection and due-diligence on the suppliers of the raw materials and keeps a full in-come quality check to the materials before the production.

- **Production In-Process Control**

  LUXEN conducts a stringent selection and due-diligence on the suppliers of the raw materials and keeps a full in-come quality check to the materials before the production.

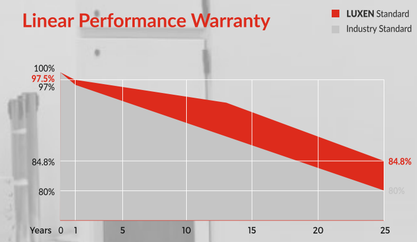
- **Outgoing Quality Control & Product Traceability Management**

  We apply a strict outgoing quality control after the production / before delivery, in the purpose to minimize the product failure risk and guarantee the interests of the end users. All the data and information of the products are stored in our MES system for at least 10 years.

TESTING LAB

We develop a series of intensive and rigorous tests in our lab on the raw materials and final products according to the TÜV standards of IEC 61215 & IEC 61730 to insure the durability of our products in its use life.

Linear Performance Warranty



System Certificates

- ISO 9001 : 2015 QMS
- ISO 14001 : 2015 EMS
- ISO 45001 : 2018 OHSMS
- ISO 50001 : 2018 EnMS
- IPMS
- AIITRE

Collaborative Laboratory

- Changzhou Hua Yang Inspection And Testing Technology Co., Ltd.
- National Center Of Inspection On Solar Photovoltaic Products Quality

25-year
Power Warranty

12-year
Product Warranty

CERTIFICATES

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

CQC

RETIE(Columbia)

TUV SUD

CE

TUV Rheinland

BIS(India)

Inmetro(Brazil)

Fire Rating(Italy)

INSURANCES

In order to protect the investment of our clients in solar energy and ensure the 25(30)-year use life, our solar panels are strongly backed by the world-class insurance groups such as CHUBB, PICC and LLOYD'S to give the maximum quality guaranty to our clients.

PICC 中国人保

太平洋保险 CPIC

CHUBB

CARBON REDUCTION & NEUTRALIZATION

LUXEN`s Modules Sold
All Over The World In The Past Ten Years

8.7 Million Tons
Carbon Reduction

462 Million Trees
Equivalent to Planting

LOCAL DEVELOPMENT

In recent years, LUXEN has developed well in European market. We have exported more than 1GW of PV modules to the European market and have received excellent quality feedback from our customers.

PRODUCTS

SERIES N TOPCon Cell Modules

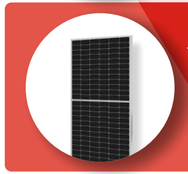
Equipped with TOPCon cell technology, which has the characteristics of low composite metallization, laminated film passivation, ultra-low composite emitter, high-quality N-type substrate, ultra-low composite heterogeneous back surface field, "zero" light attenuation, etc. , which can make it have the advantages of higher efficiency and bifacial ratio, better power temperature coefficient and lower module operating temperature, better anti-light decay performance and low-light power generation performance.

SERIES 6 210mm Cell Modules

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 Cell Modules

LUXPOWER® Series 5 solar modules stand out with the breakthrough innovation of M10 size (182mm) solar cells for the highest power generation and the lowest LCOE, which makes Series 5 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 4 166mm Cell Modules

Assembled with the M6 wafer based high efficiency cells, LUXPOWER® Series 4 solar modules feature the innovation twin-panel design and the advanced technologies of half-cut cell, 9 busbars and round wire ribbon interconnection, reducing the hot spot risk and shading effect, increasing the power output and resulting in higher reliability and performance than conventional modules.

PARTNERS

国家电投 SPIC
中国华能 CHINA HUANENG
中国华电集团有限公司 CHINA HUADIAN CORPORATION LTD.
中核集团
中广核 CGN
CHINA TOWER 中国铁塔
通威太阳能 TW SOLAR
中国电建 POWERCHINA
LONGi
Aikosolar
同煤集团 DATONG COAL MINE GROUP
HUITIAN
ATW 奥特维
金辰股份 JINCHEN CO.,LTD.
FIRST
TONSAN together .we create
XUS
南玻集团
enel
PRODIEL
Soltec
中来股份 JOLYWOOD

PROJECTS


120MW
Anhui, China


22MW
Jiangsu, China


3MW
Kumamoto, Japan


2.5MW
Miki, Japan


8MW
Jiangsu, China

PROJECTS

1.03MW
Ukraine

600KW
Suzhou, China

56KW
California, USA

151.8KW
Switzerland

1.5MW
Suzhou, China

900KW
Suzhou, China

LUXEN TEAM

MANUFACTURING CENTER