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PERLIGHT

Powering Possibilities



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PERLIGHT**SOLAR**

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ABOUT PERLIGHT SOLAR

Perlight Solar, a subsidiary of the Baolite Group, is a leading solar module and energy solutions provider, with a strong commitment to environmental sustainability. We supply premium quality solar products for residential, commercial, industrial and utility projects around the world.

State-of-the-art production facilities and a high tech R&D facility are located in Wenling, China where solar panels are subjected to numerous checks and inspections before leaving the factory.

Perlight is committed to innovation and constantly working for design premium quality, reliable and highly efficient solar modules to their many customers around the world.



GLOBAL STRATEGY

To date Perlight Solar has supplied a total of 1.5GW to more than 80 countries around the world including Europe, North America, Japan, Australia, Africa, South America and the Middle East. Perlight ranks top 5 in the UK, Mexico and Turkey.



- Shanghai- Global Marketing Center
- Zhejiang- Manufacturing Facilities
- Uk- Key Market for All-black Modules
- Mexico- Top 5 Brand

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IMPORTANT FACTS

Partnerships with customers in **80+ countries** around the world

1.5GW+ supplied to date

top 5 ranking in more than **8+ countries** around the world

10+ qualification and certification awarded
for different quality criteria of different markets

1st All-black solar module certified by TUV

8+ years of constant innovation in solar technology

COMMITTED
TO



Sophisticated Manufacturing and Production Control

ISO Certification, latest robotic equipment to ensure reliability and consistency



Rigorous Quality Control & Latest Technological Innovation

Strict control over components suppliers, Italian made Baccini technology incorporating advanced level module quality testing equipment and a complete quality control system. Perlight has the capability to design cutting-edge, custom made product for specific markets to keep global customers competitive.



Globalization

With offices and service centers in more than 80 countries around the world, Perlight is in a position to offer its partners and customers a consistent global value proposition.

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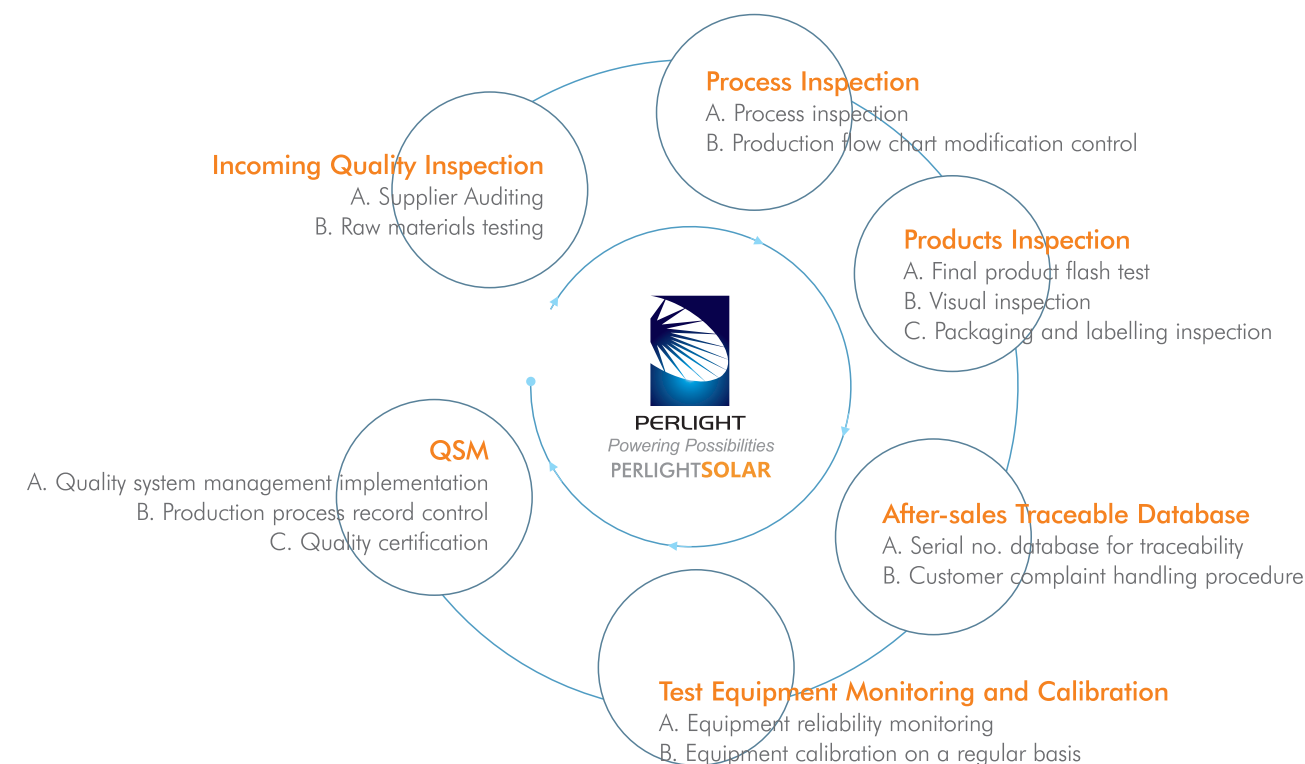


KEY MILESTONES

- | | |
|--|---|
| <ul style="list-style-type: none"> ● 2015
JET certification for complete series modules
Think Black, Think Top, Think Smart Series published. ● 2014
TUV certification for All-black module ● 2013
Initiated a R&D programme for the first All-black module; 32nd anniversary celebration ● 2012
36 consecutive months' nominated brand for pricing monitoring by PHOTON magazine ● 2011
April Warehouse and service centers established in UK, Australia and Germany
Oct. Recognized as top 10 high efficient solar module in USA media, Home Power Magazine ● 2010
Feb. The American marketing center and warehouse established in Los Angeles
Jun Production capacity expanded by 100MW on cells and 300MW on modules
Aug. Successfully white listed in Unicredit Bank | <ul style="list-style-type: none"> ● 2009
April 360KW China Golden Sun Project on the workshop roofs completed
Nov. Certified by UL
Nov. Module production capacity expanded to 200MW ● 2008
Feb. Production capacity expanded by 50MW on cells and 60MW on modules
March. TUV certification ● 2007
Feb. VDE awarded and Shanghai Global Center established
March Supplied Perlight Modules for 650kW project ● 2006
June Perlight Solar founded
Oct. The first solar module and cell line put into production |
|--|---|

QUALITY CONTROL

Stringent quality controls are in place
To ensure the highest quality is maintained at all times



Testing Programme

- High Temperature and High Humidity Test • Mechanical Loading Test • Steel Ball Falling Test
- Accelerating Aging Test • Performance Attenuation Test • El Test • Outdoor Exposure Test
- Crosslinking Degree Test

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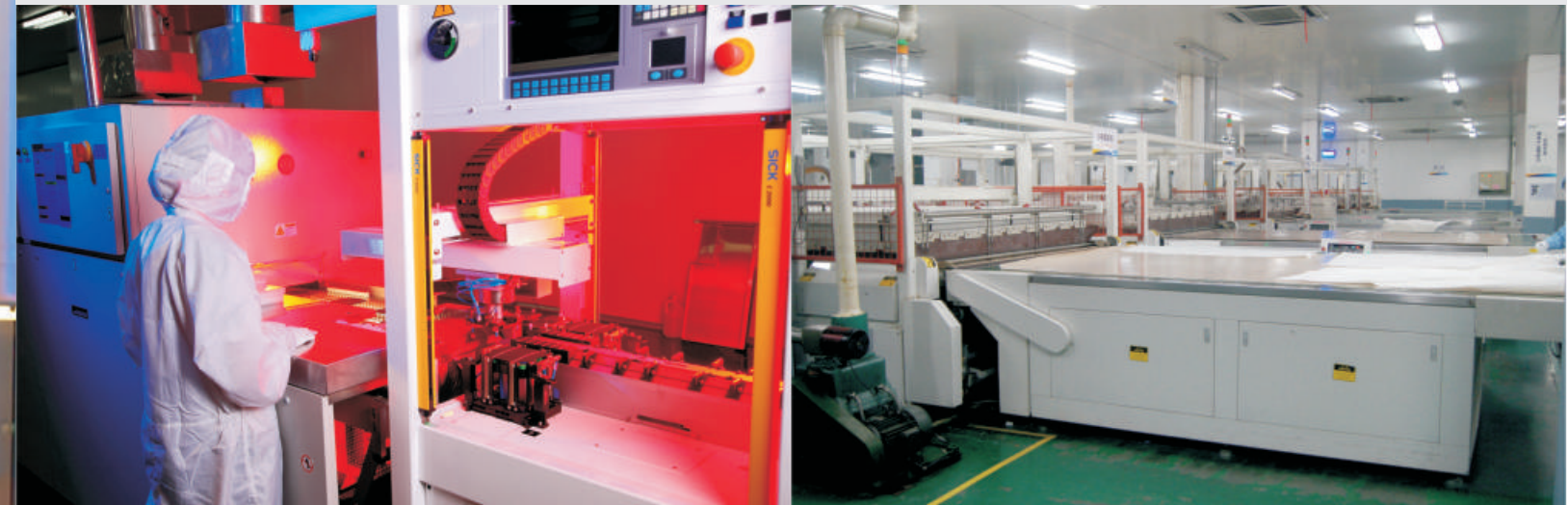
PERLIGHT

STATE OF THE ART EQUIPMENT & TECHNOLOGY



Italy BACCINI Solar Cell Printing

- High Tech Solar Cell & Module R&D Centre in Taizhou City
- State of the Art fully automated equipment combined with rigorous quality control procedures to ensure the highest quality is maintained at each step of the manufacturing process
- Only high quality, proven raw materials and components suppliers with established lab testing equipment are used to manufacture Perlight Solar Panels



USA Despatch Sintering

Fully Automated Production Lines



Fully Automated Soldering

Fully Automated Framing

Fully Automated Test Machine

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FRUITFUL PRODUCT SERIES

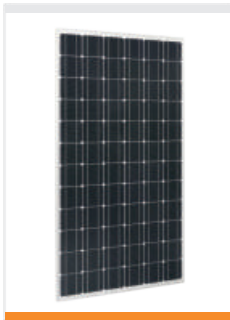


Off-grid Solar
Module

12V and 24V Series
10W to 180W



Off-grid Solar
Power System



Monocrystalline
Solar Module

156x156 cells
125x125cells



Commercial Rooftop
Installation

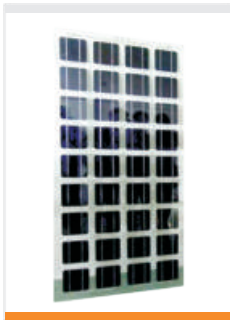


Polycrystalline
Solar Module

156x156cells



Solar Farm Project



Transparent
Dual Glass
Module

Customized



BIPV



Black Solar
Module

Traditional Black
All-black Module



Residential Rooftop



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ENGINEERING CASES
Ground Mounted Installations



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ENGINEERING CASE Rooftop Mounted Installations



All-black
Module
Installation

