

Jetion Solar (China) Co., Ltd.

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Global Branches

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Tel: +423 265 3830
Fax: +423 265 3839
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Italy

Jetion Solar (Europe) Ltd.
Via Antonio Salandra, 18, 00187 Roma RM Italy
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Email: marketing@jetion.com.cn

Thailand

Jetion Solar (Thailand) Co., Ltd.
Room 1602, 202 Le Concorde Tower, Ratchadaphisek Road,
Huay Kwang District, Bangkok 10310 Thailand
Tel: +66 2024 8702-4
Fax: +66 2024 8705
Email: marketing@jetion.com.cn

www.jetionsolar.com

Engineering services

CNBM New Energy Engineering Co., Ltd.
Room 101, Building 10, NO.652 Changshou Road, Putuo
District, Shanghai, China 200063
Email: xnyinfo@jetion.com.cn

Manufacturing Facilities

**CNBM (Jiangyin) Photoelectric Material
Technology Co., Ltd.**
New material Industry Park, Huangtu, Jiangyin, Jiangsu
Province 214443, P. R. China

Jiangyin Fab - China
No. 1011, Zhencheng Road, Shengang, Jiangyin, Jiangsu
Province 214443, P. R. China

Haian Fab - China
Haian Industry Park, Haian, Nantong, Jiangsu Province
214443, P. R. China
Tel: +86 513 8878 5988

Tongcheng Fab - China
Beisan Road, Tongcheng Economic Development Zone,
Tongcheng, Anhui Province, P. R. China

Chonburi Fab - Thailand
Jetion Solar (Thailand) Co., Ltd.
83/44 Moo 10 Tambol Nongkham, Amphur Sriracha,
Chonburi 20230 Thailand

Jetion Solar company brochure 2025_11_Rev_EN

JETION SOLAR

COMPANY BROCHURE



VISION

A world-class provider of photovoltaic engineering and product solutions

MISSION

Preserving and increasing the value of state-owned assets
Building a development platform for employees
Creating value for customers
Generating more green employment opportunities for society



CNBM

NOT JUST A BUSINESS GROUP, BUT ALSO NATIONAL CORNERSTONE

China National Building Materials Group Corporation (CNBM) was established through the merger of the China National Building Materials Group Corporation and China National Materials Group Corporation, with approval from the State Council, and then became a Central Enterprise under direct supervision of State-owned Assets Supervision and Administration Commission of the State Council. CNBM is the largest comprehensive building materials industry group in the world, and a leading new materials developer and integrated service provider throughout the world. It has been listed in the Fortune Global 500 for 15 consecutive years.

Upholding the philosophy of "creating a better world with materials", CNBM is dedicated to fostering the concepts of "forging a nation with the spirit of greatness and the finest materials", "smart use of resources, services for construction", and adhering to the strategies of "development driven by innovation, empowered by reform, facilitated by internationalization and guided by Party building". CNBM is committed to building a world-class industrial investment group specializing in the material industry with global competitiveness.



CNBM

THREE CORE BUSINESS

BASIC BUILDING MATERIALS

Cement, "Cement +" Business

NEW MATERIALS

Light Weight Building Materials, Fiberglass, Carbon Fiber, New Glass Materials, Wind Turbine Blades, Lithium Battery Separator, Advanced Ceramics, Artificial Crystals

ENGINEERING & TECHNICAL SERVICES

Overseas investment, Engineering construction, Extensive R&D services, Testing & Certification, "Vehicle Calling" Intelligent Logistics Platform, Cross-border e-commerce

13

Listed companies
(2 oversea listed)

26

National scientific
research & design
institutes

9

Academician
Workstation

11

National labs &
technology centers

17

National standardization
technical committees

19

National enterprise
technology centers



THE WORLD'S LARGEST

comprehensive building
materials group

WORLD NO. 1

Cement engineering technology service

Glass engineering technology service

34 GW Turbine Blades production capacity

3.7 million tons Fiberglass production capacity

500 million tons Cement Clinker production capacity

400 million m³ Ready-mix Concrete production capacity

3.5 billion m² Plasterboard production capacity

LEADING PRODUCER

• Carbon Fiber • Thin-film solar

• New Glass Materials • Float Glass

• Lithium Battery • Ultra-thin
Separator electronic glass

• UHV electrical
porcelain • Advanced Ceramics
and Artificial Crystals



JETION SOLAR

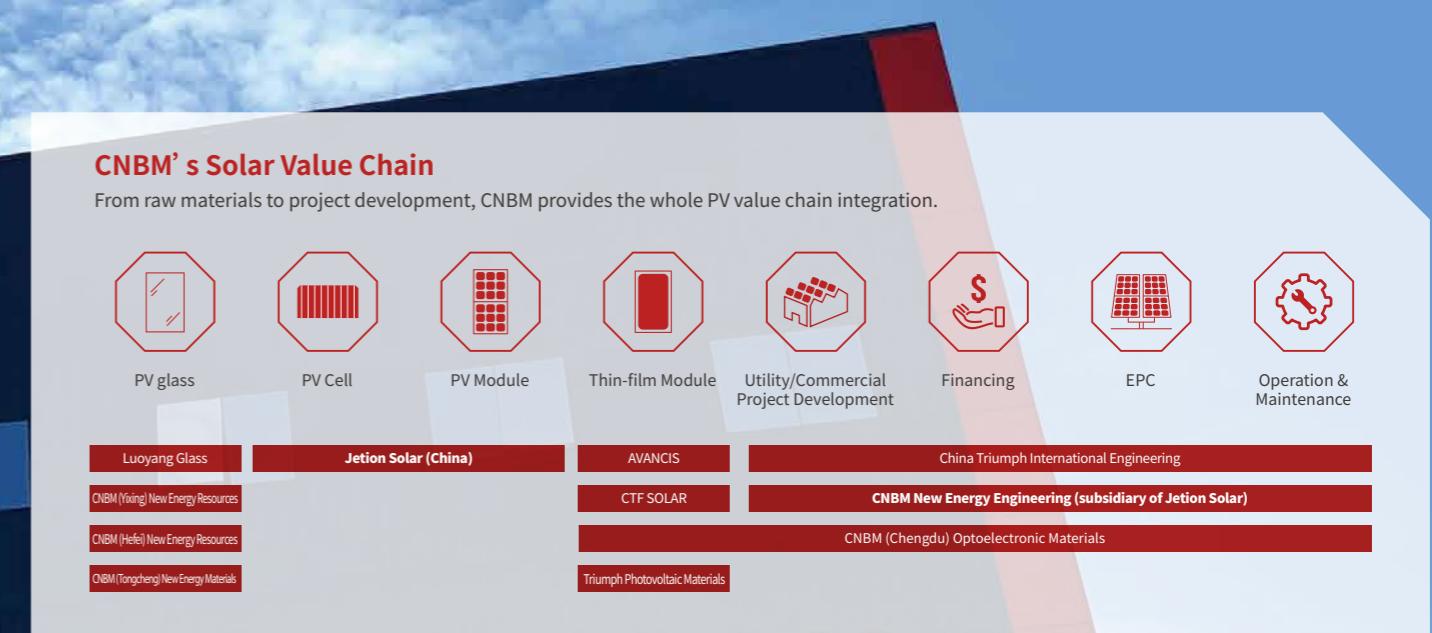
GLOBAL LEADER IN SOLAR PRODUCT MANUFACTURING AND ENGINEERING SERVICES EXPERT

Founded in 2004, Jetion Solar is the flagship enterprise of CNBM Group (China National Building Materials Group Corporation) in the new energy sector. As a global leader in solar technology, Jetion Solar is at the forefront of new-quality productive forces, specializing in the R&D and manufacturing of high-efficiency solar cells and modules. Building on this foundation, Jetion Solar actively expands the global portfolio in solar power project development, engineering, construction, and operation, aiming to become a world-class provider of integrated PV products and engineering solutions.

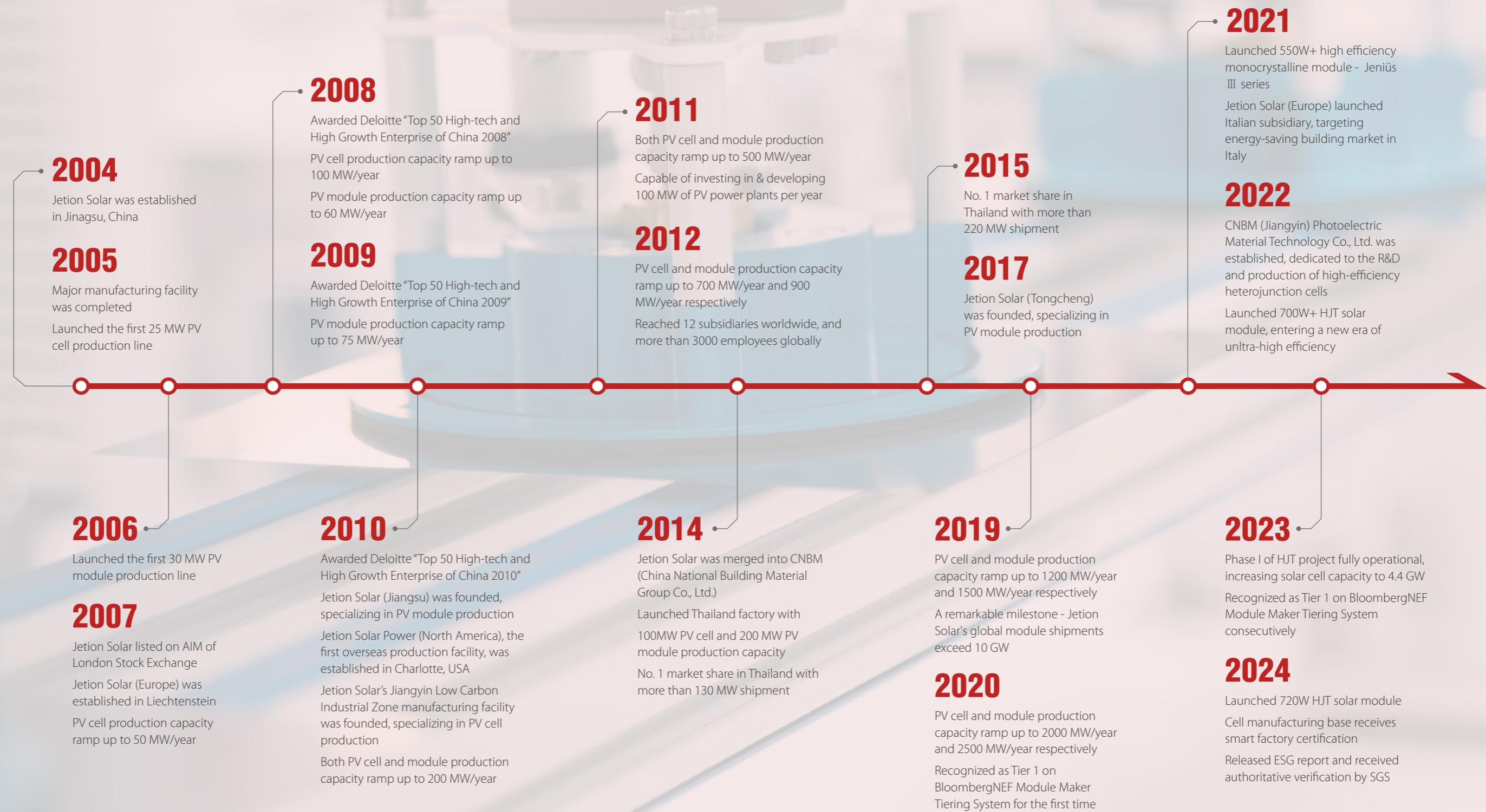
So far more than 20 GW of Jetion Solar's products have been deployed across 83 countries and regions. And as backed by CNBM, Jetion Solar also provides global EPC services and project financing. Currently, Jetion Solar has an annual production capacity of 4.4 GW of cells, 2.5 GW of modules with 5 manufacturing plants worldwide. Jetion Solar serves worldwide customers with high-quality products and professional services.

CNBM New Energy Engineering Co., Ltd.

Established in 2011, CNBM New Energy Engineering Co., Ltd. is a wholly-owned subsidiary of Jetion Solar and serves as a key engineering services arm of CNBM Group. The company provides end-to-end, full-lifecycle engineering solutions for utility-scale ground-mounted and distributed photovoltaic projects, covering development, design, procurement, construction, and operation and maintenance. With a professional technical team and extensive project experience, the company has delivered over 1 GW of solar capacity to date, generating more than 5.6 billion kWh of clean electricity and achieving investment returns exceeding RMB 5.1 billion.



AMAZING DECADES





26.5%
Cell Efficiency



283
Patents



150+
Global R&D Engineers



Wuxi Key
Laboratory



CNAS Lab



CTF Lab
Accredited by TÜV SÜD Germany



Stäubli

LEADING TECHNOLOGY

Jetion Solar leads with innovation. We design high-efficiency, reliable PV solutions tailored to each project's location, application, and performance needs—maximizing energy yield and value for customers worldwide.

Our advanced R&D system and internationally certified labs drive continuous breakthroughs in cell and module technology, ensuring industry-leading quality and performance that accelerate the global transition to clean energy.

Participated in 6 standards formulation

1 National

1 Industry

4 Group

QUALITY MANAGEMENT

Quality is the cornerstone of Jetion Solar's manufacturing philosophy. We meet and exceed customer expectations through a lean, end-to-end quality management system, supported by cutting-edge testing equipment and continuous professional training. Our products consistently deliver reliable performance, even under the most extreme environmental conditions.

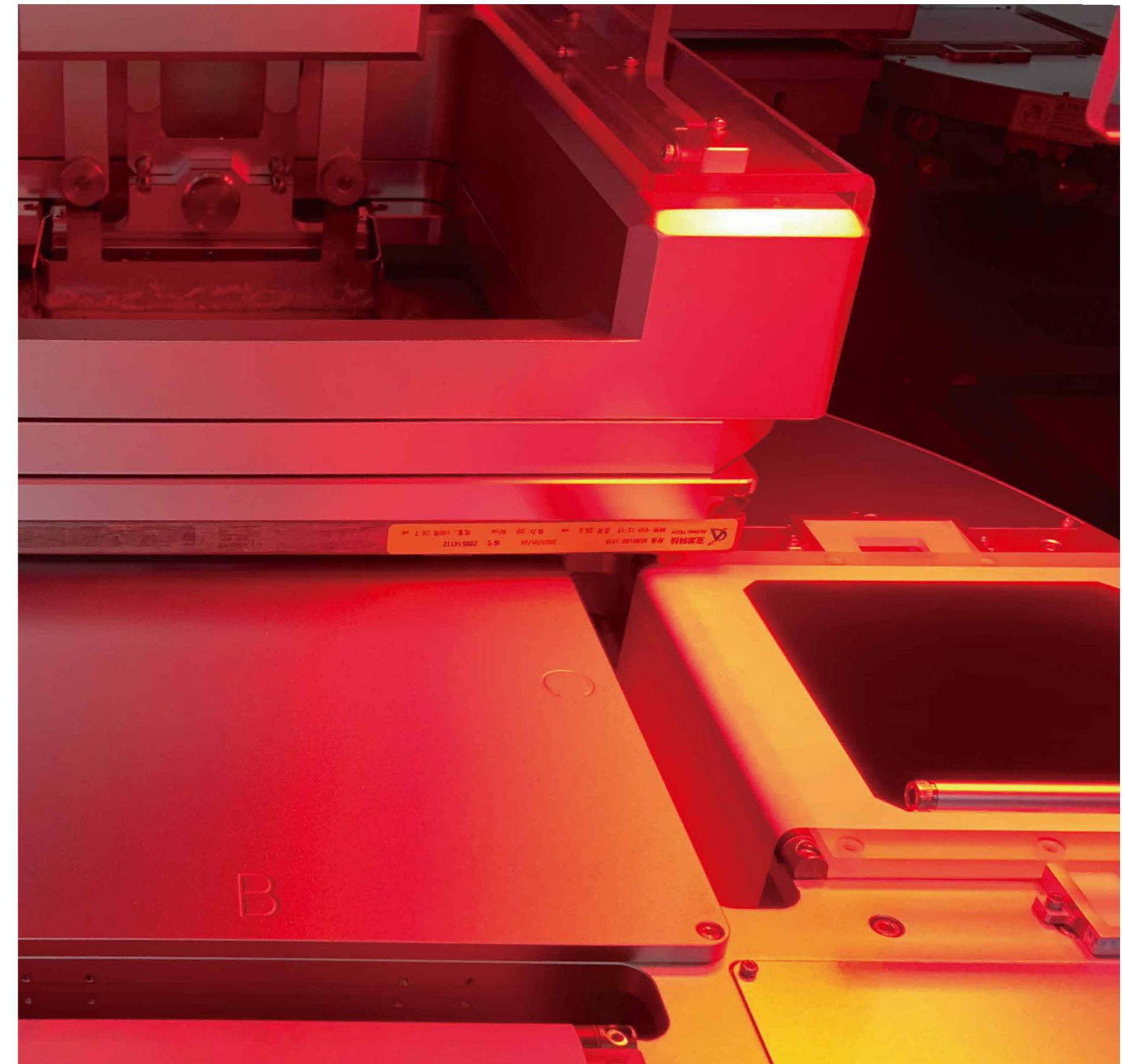
Jetion Solar has received certifications :

ISO 9001: Quality Management System
ISO 14001: Environment Management System
ISO 45001: Occupational Health and Safety
IEC 62941: Quality Management System

Jetion Solar (Tongcheng) has received certifications :

ISO 50001: Energy Management System

Certified & Insured



MANUFACTURING EXCELLENCE

Jetion Solar delivers high-quality solar cells and a full portfolio of PV modules for residential, commercial, industrial, and utility-scale applications. Our products' performance and long-term reliability have been validated across thousands of projects worldwide, establishing a solid foundation for dependable solar energy systems.

Powered by an advanced Manufacturing Execution System (MES), we achieve end-to-end efficiency from production planning and inventory control to manufacturing and delivery. Real-time collaboration among R&D, production, and global sales teams ensures lean operations and rapid to market response.

2 GW

PERC CELL CAPACITY

2.4 GW

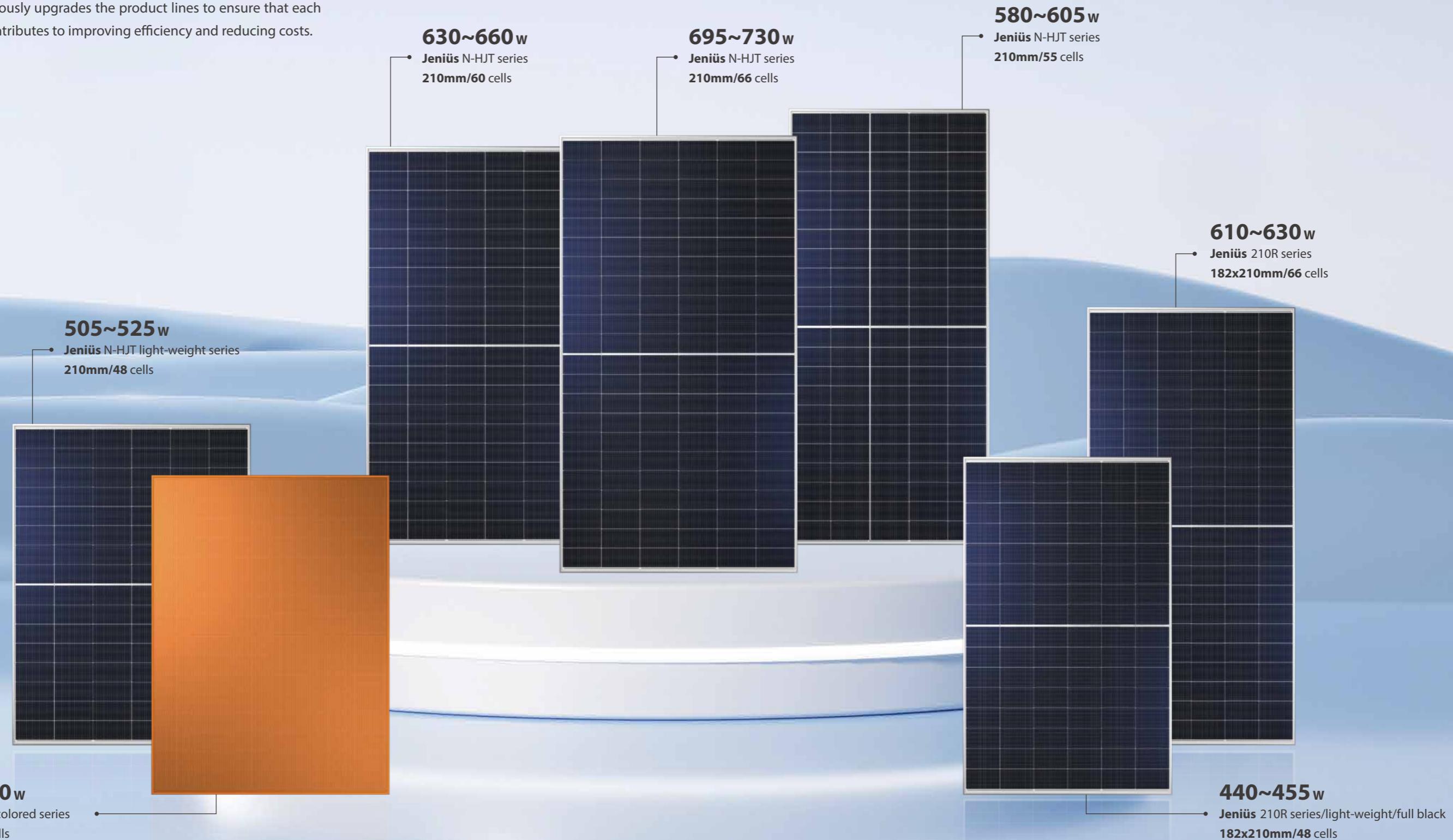
HJT CELL CAPACITY

2.5 GW

MODULE CAPACITY

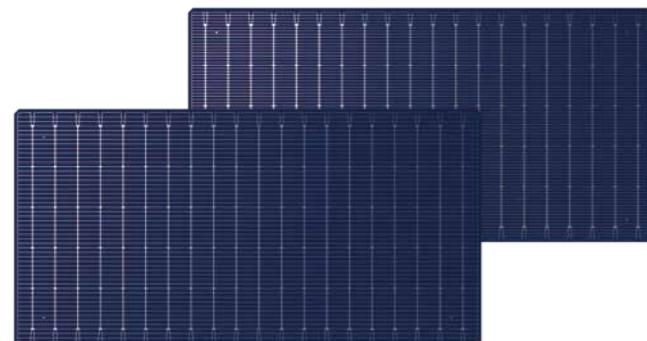
Jeniüs high efficiency monocrystalline series

Aligned with the core principle of creating maximum value for customers, Jetion Solar continuously upgrades the product lines to ensure that each series effectively contributes to improving efficiency and reducing costs.



HJT CELLS & MODULES

HJT cells combine the advantages of crystalline silicon and amorphous silicon thin-film technology, marking them as one of the solar industry's premier cell technologies today. Jetion Solar is fully committed to the HJT technology pathway, and has successfully elevated mass production efficiency through the employment of numerous core technologies, including wafer absorption, high cleanliness cleaning, intrinsic amorphous silicon passivation, doped layer microcrystalline silicon, MBB and half cut.



Maximum efficiency

26.5 %

GDHMBB

Efficiency(%)	25.7%	25.8%	25.9%	26.0%	26.1%	26.2%	26.3%	26.4%	26.5%
Pmax(W)	5.67	5.69	5.71	5.73	5.75	5.78	5.80	5.82	5.84

wafer	N-type wafer
Dimension	210×105±0.35mm
thickness	110±20μm
busbars	0BB/20BB

730 W

Jeniüs N-HJT ultra-high efficiency series

High bifaciality

Extreme temperature coefficient

Excellent low light performance

Lower LID & PID

JT 630-660 SLk(B)

Maximum Power (W)	630	635	640	645	650	655	660
Module Efficiency (%)	22.3%	22.4%	22.6%	22.8%	23.0%	23.1%	23.3%
Dimensions / Weight	2172×1303×35 mm / 35.3kg						
Number of Cells	120 [2 x (10 x 6)]						

JT 695-730 SLk(B)

Maximum Power (W)	695	700	705	710	715	720	725	730
Module Efficiency (%)	22.4%	22.5%	22.7%	22.9%	23.0%	23.2%	23.3%	23.5%
Dimensions / Weight	2384×1303×35 mm / 37.3kg							
Number of Cells	132 [2 x (11 x 6)]							

For more versions, please visit: www.jetionsolar.com

The specification described in this document may deviate slightly. Jetion Solar (China) Co., Ltd. reserves the right to make any adjustment to the information described herein at any time without notice.

Jeniüs Light Series Modules

The modules are 50 ~ 60% lighter than traditional ones, which are suitable for various low-load scenarios such as PV roofs, walls, etc., and bring higher safety in crowded places, including convention centers, high-speed railway stations, subway stations, and other building rooftops. By leveraging advanced PV technologies like HJT, TOPCon and PERC, the modules achieve superior power generation efficiency while maintaining their lightweight design.

👑 Exclusive Patent

Trench Frame Design
Interlocking Clamp Installation

羽毛 Ultra-light Weight

The lightest can reach **6.7kg/m²**
Diverse Application Scenarios

.Safe and Reliable

19.3mm Thickness with full aluminium frame
360-degree All-round Protection

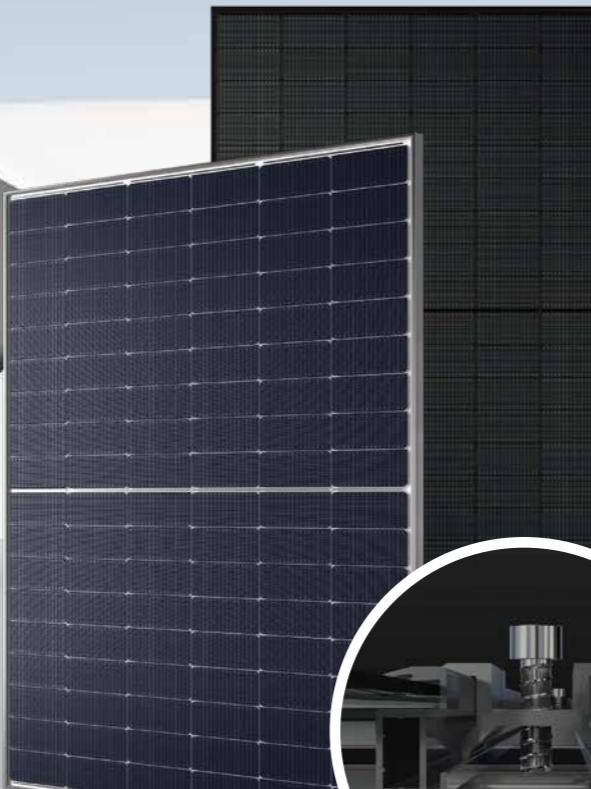
工具 Easy Installation

No Glue Required
Removable Installation Method

JT 505-525 SNk(L)

Maximum Power (W)	505	510	515	520	525
Module Efficiency (%)	22.1%	22.4%	22.6%	22.8%	23.0%
Dimensions / Weight	1750×1303×19.3 mm / 14.5kg				
Number of Cells	96 [2 x (8 x 6)]				

For more versions, please visit: www.jetionsolar.com
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DIVERSE PRODUCT PORTFOLIO



Anti-trampling
without hidden crack



Thin, flexible
and fit



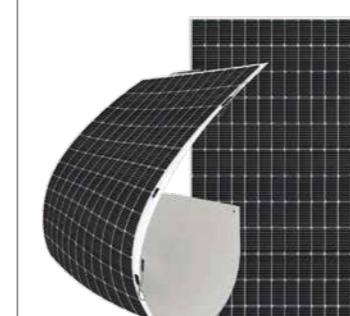
Classical curved
tile heritage



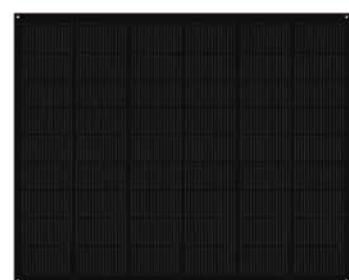
Patented
packaging process



Colored Modules



Lightweight Flexible Modules



Baleony Solar Modules



High Efficiency curved Tile



Double Glass Flat Tile Modules

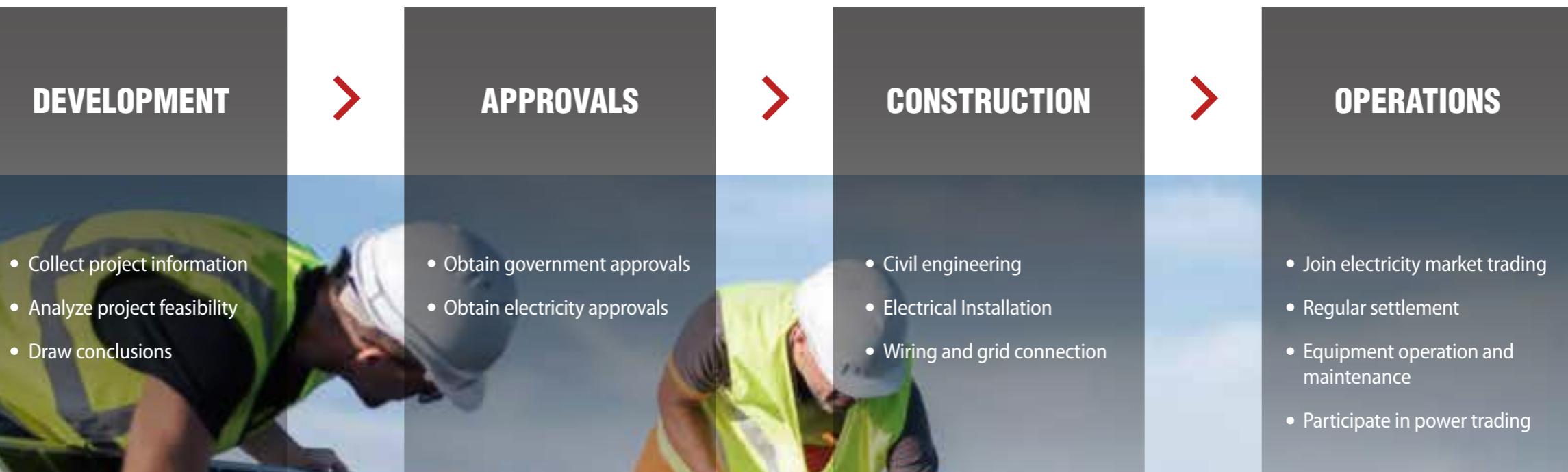


BIPV Color steelTile Modules

ENGINEERING SERVICE

Jetion Solar provides full-spectrum engineering solutions for utility-scale ground-mounted, commercial & industrial, and residential solar projects. Built on a 5G-enabled smart O&M platform, our digital operations integrate remote monitoring, AI-driven diagnostics, and centralized dispatch to enable early fault detection, rapid response, and efficient resolution, ensuring safe and stable plant performance while maximizing long-term energy yield for customers.

- ✓ Superb Engineering
- ✓ Quality Procurement
- ✓ Expert Construction Management
- ✓ Efficient Delivery



PROJECT TRACK RECORDS

RESULTS SPEAK LOUDER THAN WORDS

Jetion Solar's projects span the Pacific Rim, Europe, and the Americas, supported by over 20 years of solar industry expertise. We empower global customers to achieve energy transition through integrated solutions, including high-performance PV products, full-scope EPC services, and project financing, all backed by a consistent record of reliable execution.



219 MWp

📍 Portugal, Alcoutim

➡ Riccardo Totta PV Plant (solara4)

The largest unsubsidized solar power plant in Europe

382 GWh

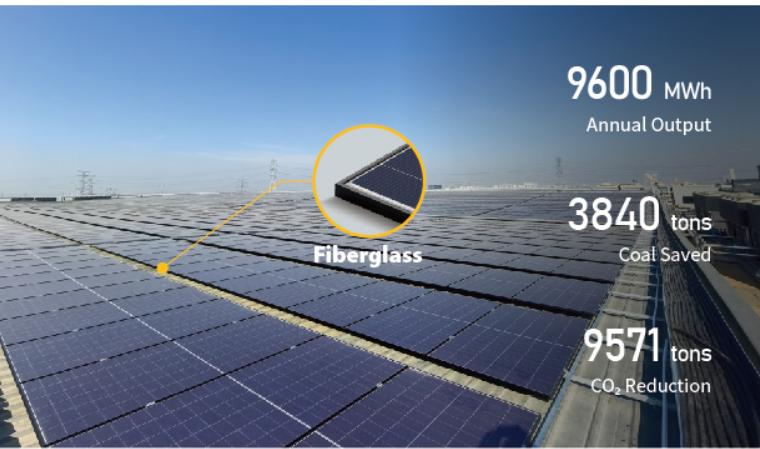
Annual Output

200,000

Households Powered



One of the largest unsubsidized utility-scale solar plants in Spain



9.7 MWp | **Zhejiang Jiaxing** Zhensi Fibreglass HJT C&I Power Station



700 kWp | **Shandong Rizhao** Lightweight C&I "PV-Storage-Charging" Power Station



509 kWp | **Timisoara, Romania** Auchan Supermarket C&I Power Station



12 MWp

Shandong Qingdao HJT C&I Power Station

20 MWp

Jiangsu Yancheng Residential Distributed Photovoltaic Power Station

ACHIEVEMENTS SPEAK FOR THEMSELVES

Every milestone stands as proof of industry recognition.

FORTUNE 500

Ranked #351 in 2025

CNBM - Jetion Solar's parent company has been listed in FORTUNE Global 500 for 15 consecutive years, with ranking from #485 in 2011 to #351 in 2025.

26.5 %

Cell efficiency

Jetion Solar R&D team applies self-developed core patented cell technologies, such like phosphorus gettering, high cleanliness cleaning, i-a-Si passivation, μ c-Si thin film, etc., and expected to realize mass production of cell efficiency with more than 26.5%.

TIER 1

Ranked by **Bloomberg**
New Energy Finance

Jetion Solar has been consecutively ranked as Tier 1 by BloombergNEF PV Module Maker Tiering System. With solid bankability, Jetion Solar is your reliable world-wide partner.

283

Patents

Jetion Solar continues to lead the cutting-edge photovoltaic technology, with forward-looking vision and advanced technology to promote industry transformation and upgrading.

Top Performer

Kiwa PVEL

Jetion Solar earned this distinction for the outstanding reliability of its high-efficiency HJT bifacial dual-glass modules, validating its technology leadership and market competitiveness.

20 GW+

Cumulative module shipment

Since 2005, Jetion Solar has shipped more than 20 GW of photovoltaic modules globally.
(Note: *Data as of the end of 2024)

TOP 50

Ranked by **Deloitte**
Technology Fast 50

Awarded Deloitte "Top 50 High-tech and High Growth Enterprise of China" for 3 consecutive years.

83

Countries and regions

As of 2024, Jetion Solar's products have been widely applied in 83 countries and regions in Europe, Asia Pacific, America and Africa.

GLOBAL PRESENCE

As a world-leading solar module manufacturer, Jetion Solar continues to expand its global network of production, logistics, sales, and service partners, enabling rapid response to local customer needs and strengthening localized support.



 Headquarter

 Manufacturing Plants

 Branches & Offices

 Warehouses

SUSTAINABLE DEVELOPMENT

As a pioneer in the solar industry, Jetion Solar advances global access to clean energy, creating lasting value for society and the planet.

