

Jetion Solar (China) Co., Ltd.

China - Headquarters

Jetion Solar (China) Co., Ltd.
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Fax: +86 510 8668 7315
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Global Branches

Liechtenstein

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Tel: +423 265 3830
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Italy

Jetion Solar (Europe) Ltd.
Via Antonio Salandra, 18, 00187 Roma RM Italy
Tel: +39 3931562765
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

11

National labs &
technology centers

9

Academician
Workstation

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 Separator
- Ultra-thin 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.

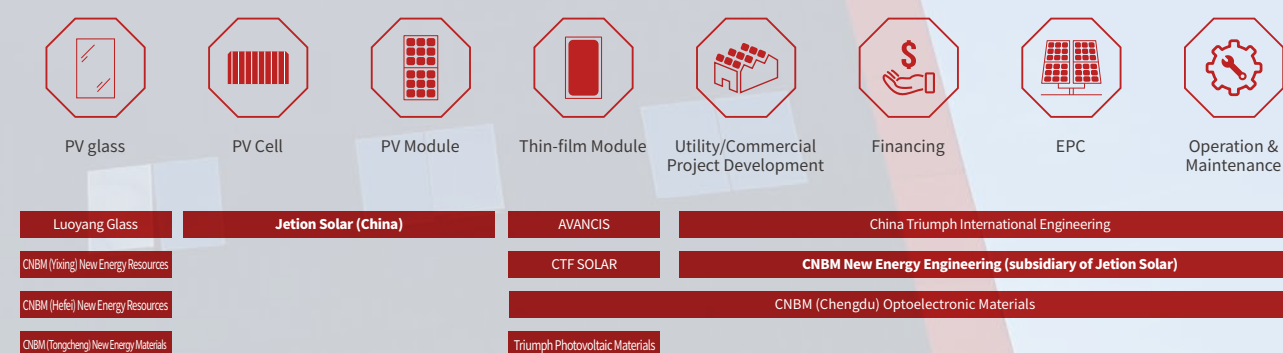
So far more than 20 GW of Jetion Solar's products have been deployed across 83 countries and regions. And as backed by CNBM, Jetion Solar also provides global EPC services and project financing. Currently, Jetion Solar has an annual production capacity of 4.4 GW of cells, 2.5 GW of modules with 5 manufacturing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

CNBM's Solar Value Chain

From raw materials to project development, CNBM provides the whole PV value chain integration.



AMAZING DECADES

2004

Jetion Solar was established in Jinagsu, China

2005

Major manufacturing facility was completed
Launched the first 25 MW PV cell production line

2006

Launched the first 30 MW PV module production line

2007

Jetion Solar listed on AIM of London Stock Exchange
Jetion Solar (Europe) was established in Liechtenstein
PV cell production capacity ramp up to 50 MW/year

2008

Awarded Deloitte "Top 50 High-tech and High Growth Enterprise of China 2008"
PV cell production capacity ramp up to 100 MW/year
PV module production capacity ramp up to 60 MW/year

2009

Awarded Deloitte "Top 50 High-tech and High Growth Enterprise of China 2009"
PV module production capacity ramp up to 75 MW/year

2010

Awarded Deloitte "Top 50 High-tech and High Growth Enterprise of China 2010"
Jetion Solar (Jiangsu) was founded, specializing in PV module production
Jetion Solar Power (North America), the first overseas production facility, was established in Charlotte, USA
Jetion Solar's Jiangyin Low Carbon Industrial Zone manufacturing facility was founded, specializing in PV cell production
Both PV cell and module production capacity ramp up to 200 MW/year

2011

Both PV cell and module production capacity ramp up to 500 MW/year
Capable of investing in & developing 100 MW of PV power plants per year

2012

PV cell and module production capacity ramp up to 700 MW/year and 900 MW/year respectively
Reached 12 subsidiaries worldwide, and more than 3000 employees globally

2014

Jetion Solar was merged into CNBM (China National Building Material Group Co., Ltd.)
Launched Thailand factory with 100MW PV cell and 200 MW PV module production capacity
No. 1 market share in Thailand with more than 130 MW shipment

2015

No. 1 market share in Thailand with more than 220 MW shipment

2017

Jetion Solar (Tongcheng) was founded, specializing in PV module production

2019

PV cell and module production capacity ramp up to 1200 MW/year and 1500 MW/year respectively
A remarkable milestone - Jetion Solar's global module shipments exceed 10 GW

2020

PV cell and module production capacity ramp up to 2000 MW/year and 2500 MW/year respectively
Recognized as Tier 1 on BloombergNEF Module Maker Tiering System for the first time

2021

Launched 550W+ high efficiency monocrystalline module - Jeniūs III series
Jetion Solar (Europe) launched Italian subsidiary, targeting energy-saving building market in Italy

2022


CNBM (Jiangyin) Photoelectric Material Technology Co., Ltd. was established, dedicated to the R&D and production of high-efficiency heterojunction cells
Launched 700W+ HJT solar module, entering a new era of ultra-high efficiency

2023

Phase I of HJT project fully operational, increasing solar cell capacity to 4.4 GW
Recognized as Tier 1 on BloombergNEF Module Maker Tiering System consecutively

2024

Launched 720W HJT solar module
Cell manufacturing base receives smart factory certification
Released ESG report and received authoritative verification by SGS

**26.5%**
Cell Efficiency**283**
Patents**150+**
Global R&D Engineers**Wuxi Key**
Laboratory**CNAS Lab****CTF Lab**
Accredited by TÜV SÜD Germany

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







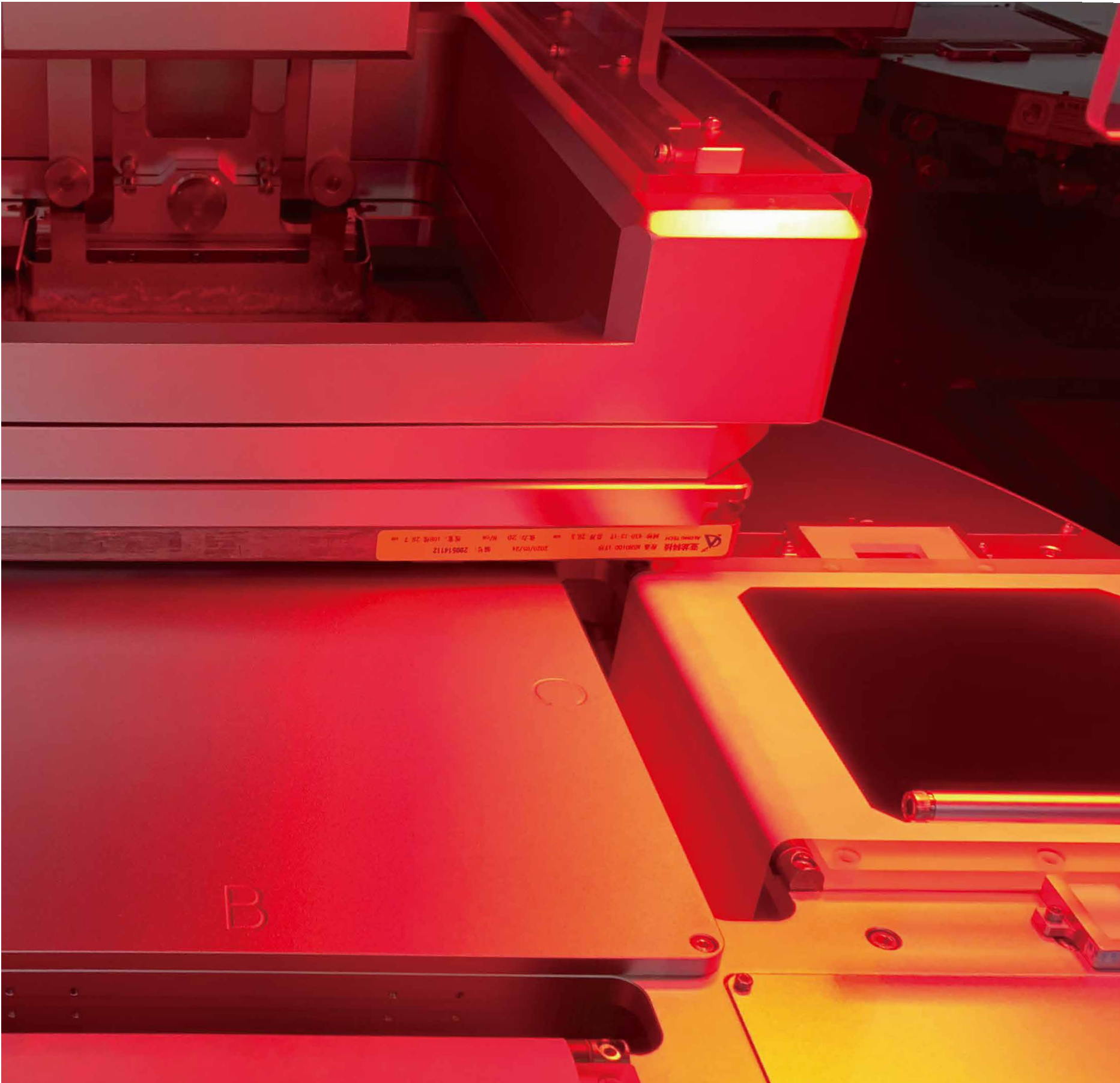












**JETION
SOLAR**
Visionary Green Energy

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.

250~410w

Jeniüs N-HJT colored series
210mm/48 cells

505~525w

Jeniüs N-HJT light-weight series
210mm/48 cells

630~660w

Jeniüs N-HJT series
210mm/60 cells

695~730w

Jeniüs N-HJT series
210mm/66 cells

580~605w

Jeniüs N-HJT series
210mm/55 cells

610~630w

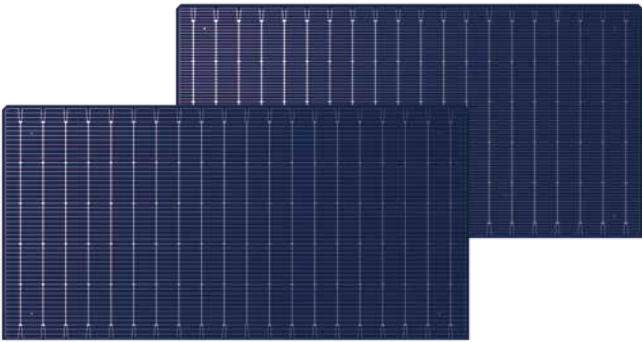
Jeniüs 210R series
182x210mm/66 cells

440~455w

Jeniüs 210R series/light-weight/full black
182x210mm/48 cells

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

730W

Jeniüs N-HJT
ultra-high efficiency series



High bifaciality



Extreme temperature
coefficient



Lower LID & PID



Excellent low light
performance

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)]						

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

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)]							

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

🌿 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

🔧 Easy Installation

No Glue Required
Removable Installation Method

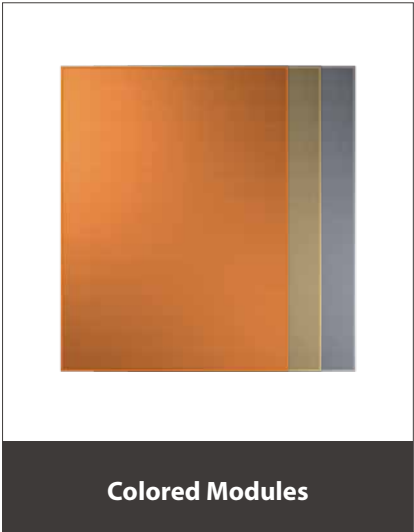
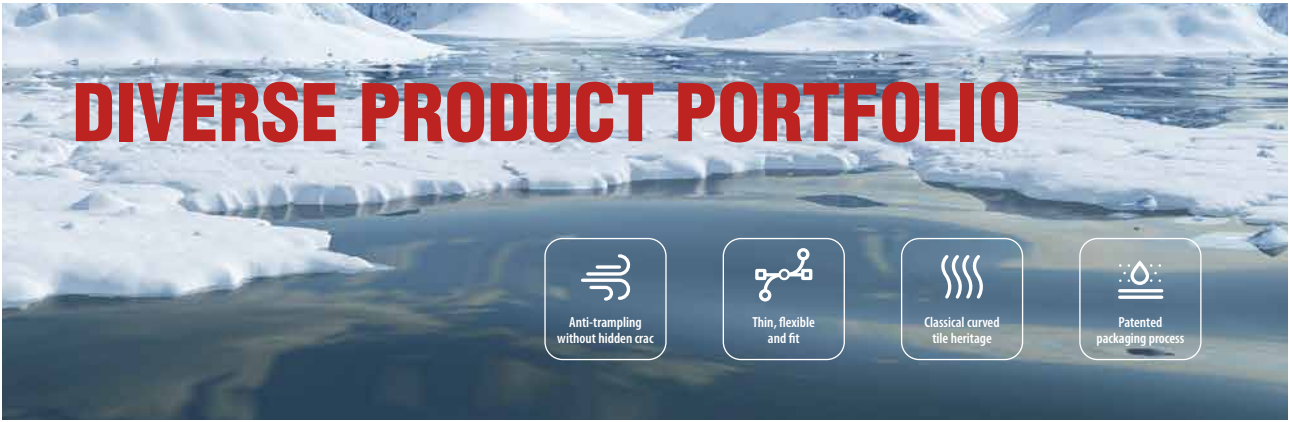


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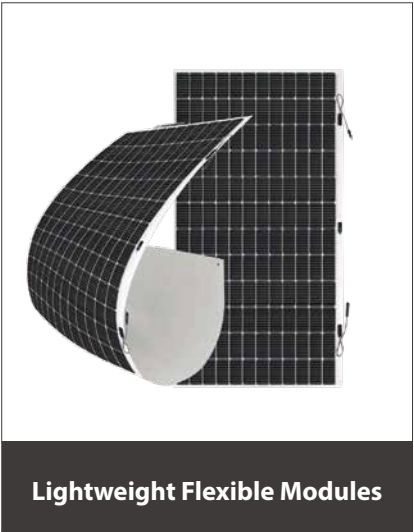
JT 505-525 SNk(L)

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)]				

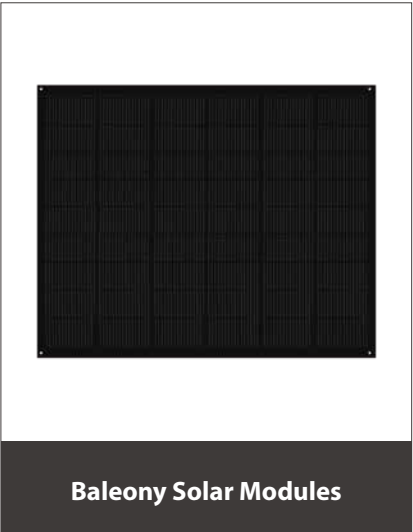
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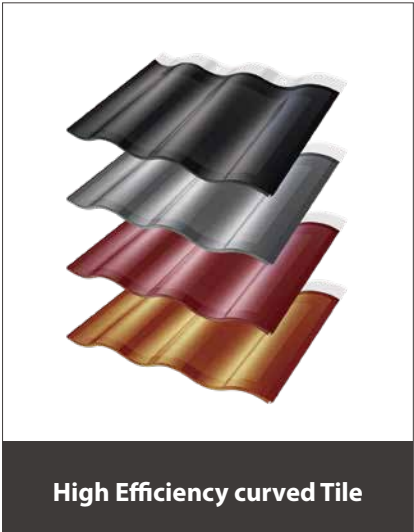
Colored Modules



Lightweight Flexible Modules



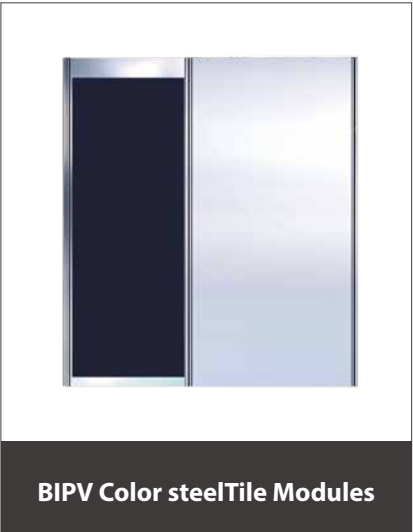
Baleony Solar Modules



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

DEVELOPMENT

- Collect project information
- Analyze project feasibility
- Draw conclusions

APPROVALS

- Obtain government approvals
- Obtain electricity approvals

CONSTRUCTION

- Civil engineering
- Electrical Installation
- Wiring and grid connection

OPERATIONS

- Join electricity market trading
- Regular settlement
- Equipment operation and maintenance
- Participate in power trading



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.



📍 Portugal, Alcoutim
🏠 Ricardo Totta PV Plant (solara4)

The largest unsubsidized solar power plant in Europe

219 MWp

382 GWh
Annual Output

200, 000
Households Powered



5.3 MWp

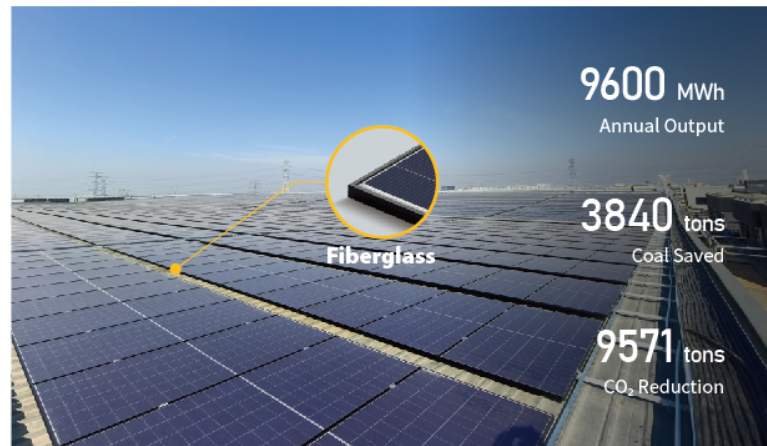
📍 Jiangsu Jiangyin
Jetion Solar HJT Manufacturing Facility

6070 MWh
Annual Output

2428 tons
Coal Saved

6051 tons
CO₂ Reduction





9.7 MWp | **Zhejiang Jiaxing** Zhenshi 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



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



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, $\mu\text{c-Si}$ 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.

