



金刚光伏
GOLDEN SOLAR

Make Solar Energy More Efficient!

Golden Solar, a prominent publicly listed
company in mainland China





30 Years
Founded in 1994

25.8%+
Average efficiency
of mass-produced solar cells

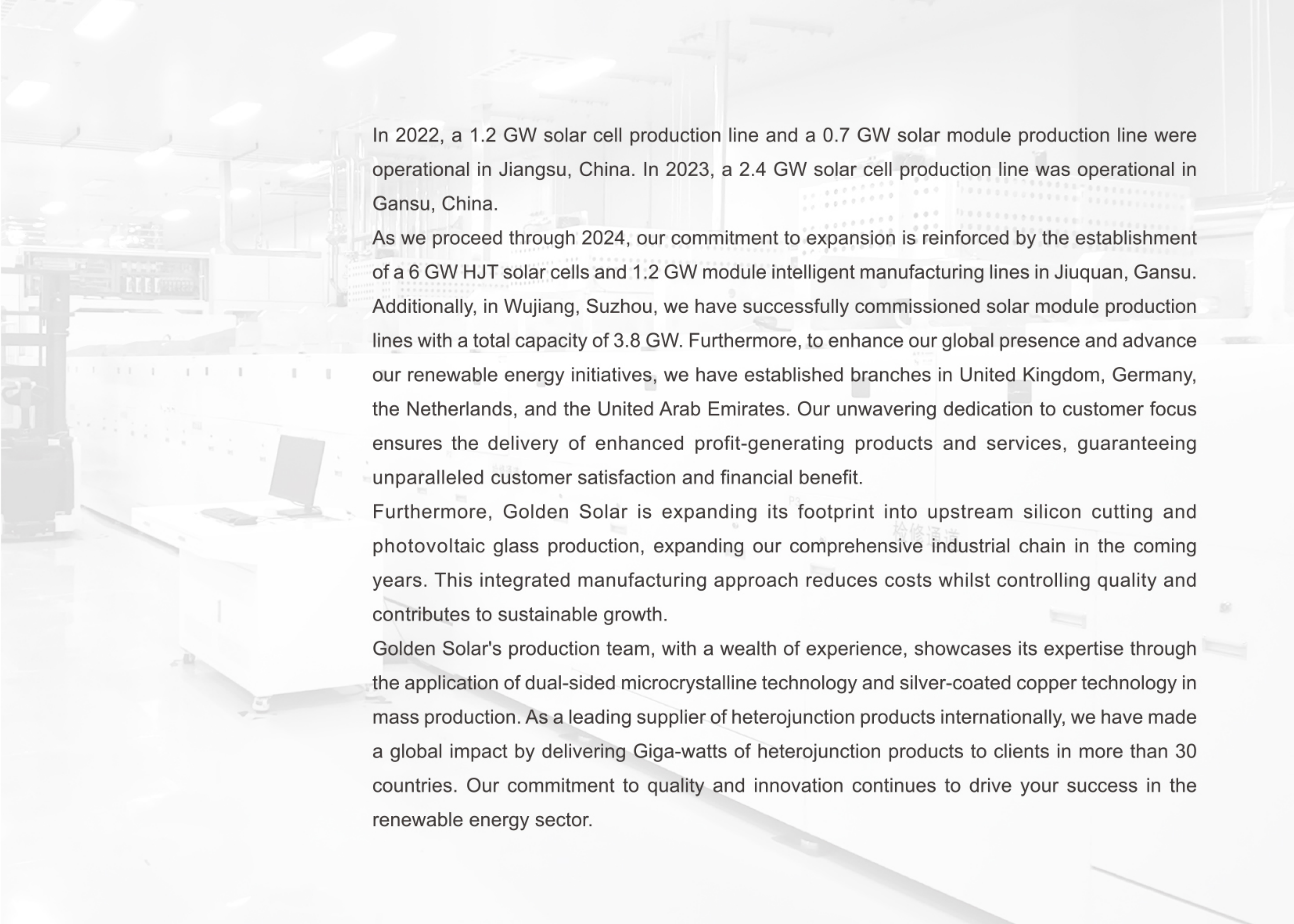
740W
Maximum power
of modules

About Golden Solar

Golden Solar, formerly known as Guangdong Golden Glass Technology Co., LTD., has been at the forefront of the glass industry since its establishment in 1994. Our commitment to excellence was further solidified in 2010 when we successfully listed on the Shenzhen Stock Exchange under the stock code 300093, showcasing our dedication to leadership and innovation.

In 2021, Golden Solar strategically entered the photovoltaic sector, introducing cutting-edge heterojunction (HJT) technology. Leveraging the larger 210mm wafer size and advanced MAXWELL cell production, we have achieved an outstanding average cell production efficiency of over 25.8%, currently resulting in an impressive 740W single solar panel power efficiency.



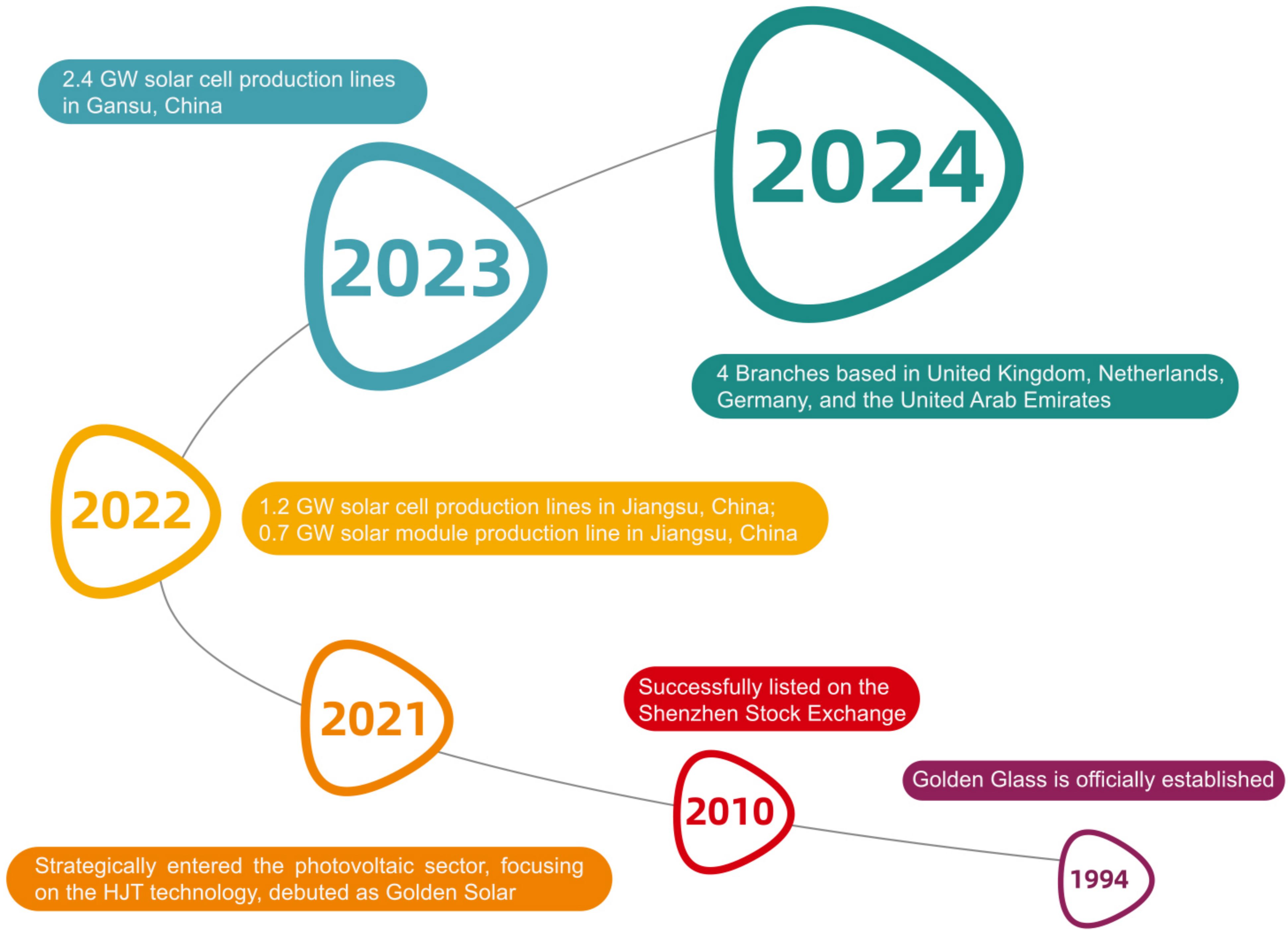


In 2022, a 1.2 GW solar cell production line and a 0.7 GW solar module production line were operational in Jiangsu, China. In 2023, a 2.4 GW solar cell production line was operational in Gansu, China.

As we proceed through 2024, our commitment to expansion is reinforced by the establishment of a 6 GW HJT solar cells and 1.2 GW module intelligent manufacturing lines in Jiuquan, Gansu. Additionally, in Wujiang, Suzhou, we have successfully commissioned solar module production lines with a total capacity of 3.8 GW. Furthermore, to enhance our global presence and advance our renewable energy initiatives, we have established branches in United Kingdom, Germany, the Netherlands, and the United Arab Emirates. Our unwavering dedication to customer focus ensures the delivery of enhanced profit-generating products and services, guaranteeing unparalleled customer satisfaction and financial benefit.

Furthermore, Golden Solar is expanding its footprint into upstream silicon cutting and photovoltaic glass production, expanding our comprehensive industrial chain in the coming years. This integrated manufacturing approach reduces costs whilst controlling quality and contributes to sustainable growth.

Golden Solar's production team, with a wealth of experience, showcases its expertise through the application of dual-sided microcrystalline technology and silver-coated copper technology in mass production. As a leading supplier of heterojunction products internationally, we have made a global impact by delivering Giga-watts of heterojunction products to clients in more than 30 countries. Our commitment to quality and innovation continues to drive your success in the renewable energy sector.



World-class Heterojunction Products Manufacturer

- Two Major HJT Manufacturing Bases in China
- Global Cumulative Shipments of HJT Products Reaches Gigawatts Level
- 5+% of Turnover Spent on R&D Each Year
- The Current Highest Conversion Efficiency of HJT Modules: 23.82%
- Sales and service networks spread all over more than 30 countries and regions worldwide



Global Network



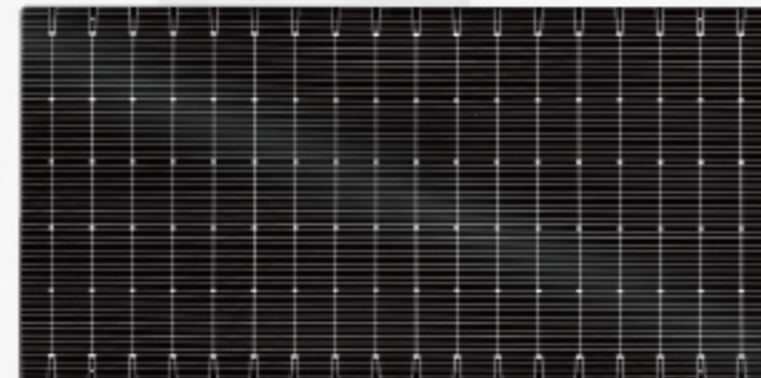
- Suzhou, China
Operation Center & Factory
- Gansu, China
Factory
- United Kingdom
Branch
- Netherlands
Branch
- Germany
Branch
- United Arab Emirates
Branch

Golden Solar's Heterojunction Products

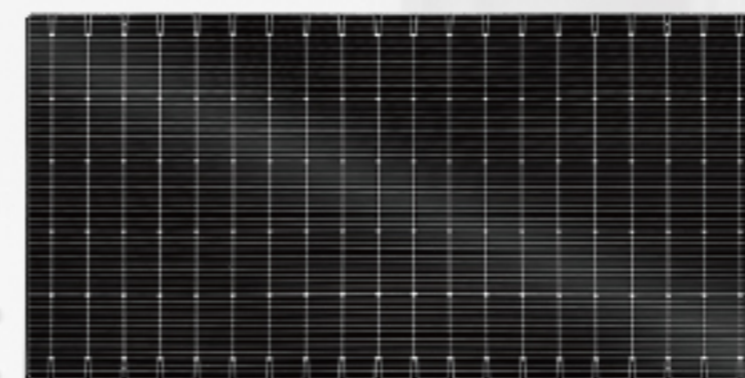
- Heterojunction Cell Technology**
- The Highest Efficiency**
- High Bifaciality**
- Higher Efficiency at High Temperature**
- Excellent Weak Light Performance**
- Anti-PID**



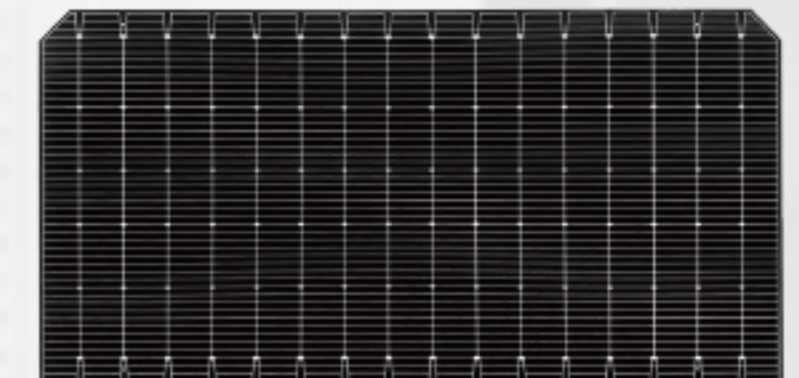
JGYC-210-0BB



JGYC-210-18BB



JGYC-210-20BB



JGYC-182-16BB

Type	Dimensions	Thickness	Efficiency
JGYC-210-0BB	210mm×105mm±0.25mm	130±13μm, 120±12μm, 110±11μm	26.3%
JGYC-210-18BB	210mm×105mm±0.25mm	130μm+20μm/-10μm	25.7%
JGYC-210-20BB	210mm×105mm±0.25mm	110μm+20μm/-10μm	25.7%
JGYC-182-0BB	182mm×91mm±0.25mm	130μm+20μm/-10μm	25.0%
JGYC-182-16BB	182mm×91mm±0.25mm	130μm+20μm/-10μm	25.0%



JGDN120

Power: 640W~670W
Busbar: 0BB, 18BB, 20BB
Dimension (mm): 2172×1303×35
Weight (kg): 35.5
Application: Power plants, commercial and industrial application



JGDN132

Power: 695W~740W
Busbar: 0BB, 18BB, 20BB
Dimension (mm): 2384×1303×35
Weight (kg): 38.5
Application: Power plants, commercial and industrial application



JGDN108B

Power: 425W~445W

Busbar: 16BB

Dimension (mm): 1722x1134x30

Weight (kg): 24

Application: Residential, commercial
and industrial application



JGDN144

Power: 570W~590W

Busbar: 16BB

Dimension (mm): 2278x1134x30

Weight (kg): 31.8

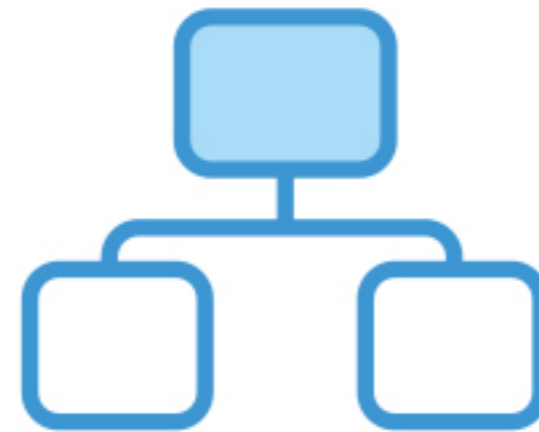
Application: Power plants, commercial
and industrial application



EMS



ERP



OA



Maycur

Golden Solar Advanced Digital Management System



Why Golden Solar?

As an established company with a proven operating system and decades of expertise, set up with experienced personnel, appropriate measures & controls, financial capability, and management skills, we offer rock-solid stability you can rely on. We have invested in new technology and we are taking the new technology to market.

We empower your transition to clean energy with cutting-edge HJT technology. By providing you with solar products with high efficiency, low thermal coefficient, and reduced degradation, we ensure you enjoy the benefits of solar energy for years to come. We stand firmly beside you with rapid inventory turnover and reliable service, guaranteeing a win-win, solar-powered future.

World-class Testing Laboratory





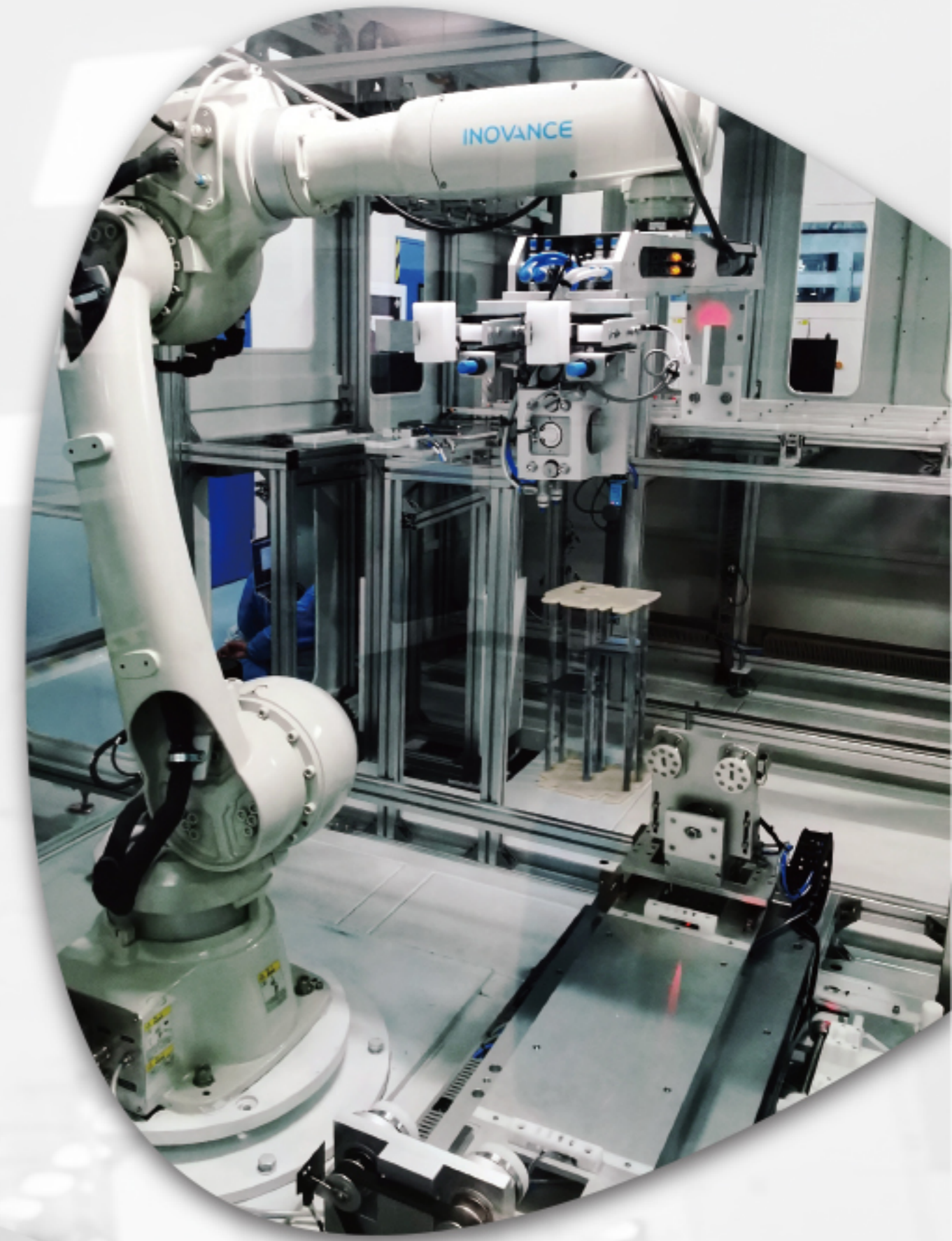
Certification



All-round product self-inspection system to test the reliability of the product, and to ensure the quality and performance of each product from the factory for years after installation.

Intelligent Heterojunction Products Manufacturing

- Advanced Digital Intelligent Factory
- World-class Production Line of HJT Cells and Modules



Scientific Quality Management System





Global Projects and Solutions

Golden Solar provides photovoltaic solutions for such applications as residential, commercial, utility-scale, ground-mounted and floating solar power plants.





Value

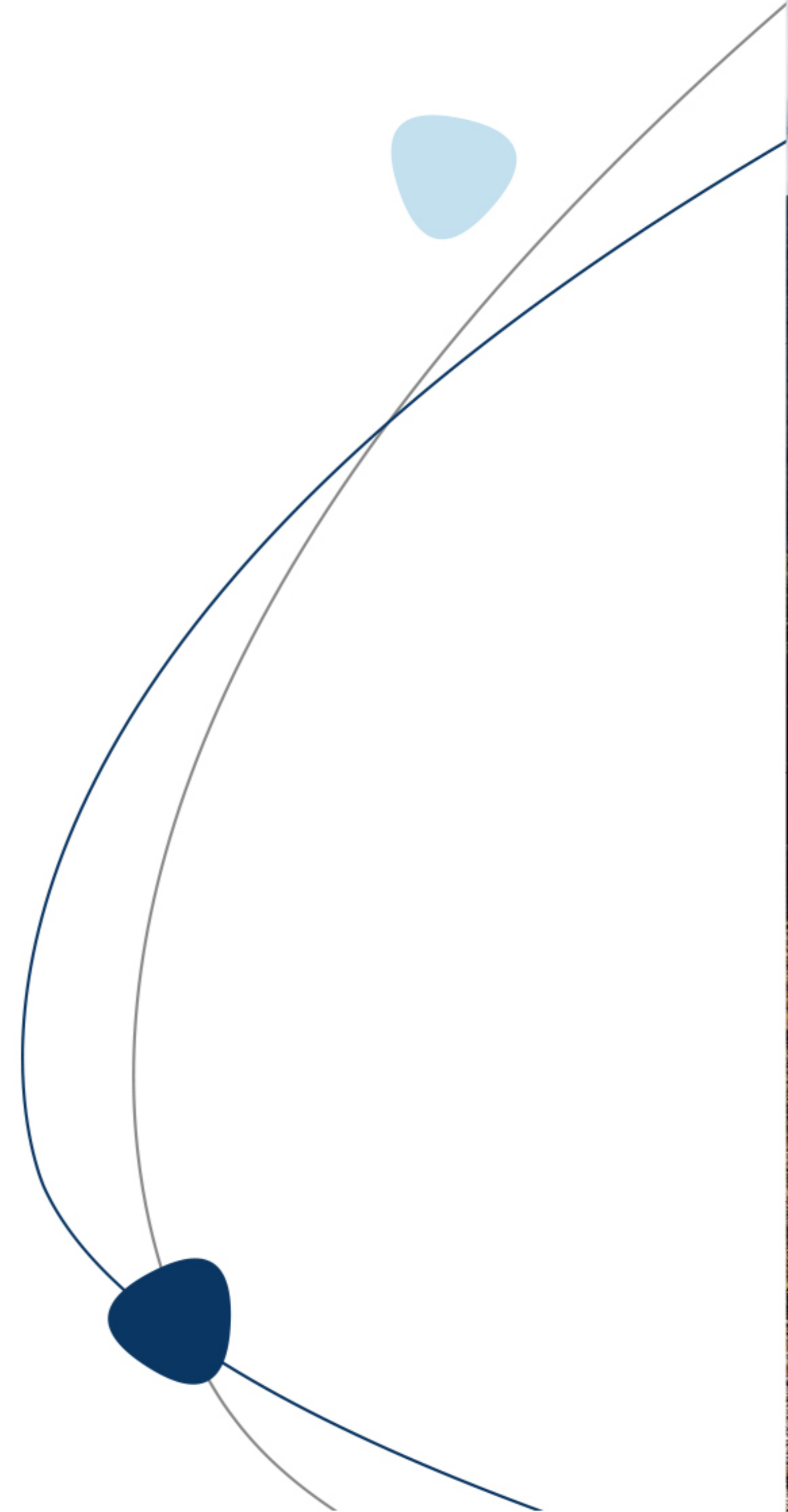
Sustainability, Diversity & Inclusion, Equality

Vision

Be the chosen provider of sustainable solar PV technology solutions recognized for efficiency and customer satisfaction globally.

Mission

By understanding our customers' genuine and tangible needs, we are dedicated to aligning with their growth trajectory. Our mission is to evolve alongside our customers, leveraging cutting-edge solar PV technology to deliver both financial and ecological benefits. By fostering a synergy of progress, we aim to contribute to a greener and more sustainable future.





2025
2024
2023



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