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JinkoSolar U.S. Base

Jacksonville, Florida, USA

No.538, Zone 4B, Beilai Free Trade

Industry, Perai, Penang, Malaysia

Manufacturing Base

JinkoSolar Shangrao Base, Jiangxi JinkoSolar Yuhuan Base, Zhejiang JinkoSolar Chuzhou Base, Anhui JinkoSolar Leshan Base, Sichuan

No.1 Jingke Avenue, Shangrao Economic Intersection of Shanghai Road and No.18 Liming Road, Lai'an Economic Development Zone, Jiangxi Province Taizhou Road, Yuhuan Phase III Project, Development Zone, Chuzhou City, Taizhou City, Zhejiang Province

JinkoSolar Haining Base, Zhejiang JinkoSolar Yiwu Base, Zhejiang JinkoSolar Hefei Base, Anhui

No.58 Yuanxi Road, Yuanhua Town Industrial Function Zone, Haining City, Zhejiang Province

No.1555 Chengxin Avenue, Niansanli Street, Yiwu City, Zhejiang Province

Anhui Province

No.1. Southwest Corner, Intersection of Longxing Avenue and Shichi Road, Park, Feidong County, Hefei City,

Sichuan JinkoSolar Co., Ltd., Wutongqiao District, Leshan City, Sichuan Province

JinkoSolar Chuxiong Base, Yunnan JinkoSolar Malay Base

2/F. Chuxiona SME Entrepreneurship Park. East of Chufengyuan Community, Hefei Circular Economy Demonstration Yangguang Avenue, Lucheng Town, Chuxiong City, Yunnan Province

JinkoSolar Vietnam Base

sales@jinkosolar.com www.jinkosolar.com

The company reserves the final right for explanation on any of the information presented hereby.

Solar

Building Your Trust in Solar



Optimize the energy mix and take responsibility for enabling a sustainable future.

Milestones

2023	Launches liquid cooling ESS systems
2022	Establish first wafer factory in Vietnam Become first in the industry to reach 100GW accumulated delivery
2021	Leads industry in producing N-type TOPCon process technology
2019	#1 in global solar module shipment for fourth year in a row
2018	Establish US factory in Florida
2016	Becomes world's largest solar module producer
2015	Establish first overseas cell and module factory in Malaysia
2010	Successful IPO and listed on the NYSE
2009	Starts cell and module production, pioneering the vertical-integrated production model
2008	Launches wafer manufacturing
2007	Launches ingot manufacturing
2006	Jinko Solar Co., Ltd. was established

Awards

TOP 50! JinkoSolar was selected as one of the "2022 Hurun China Top 500".

2022 MIT-Global Top 50 Smart Companies

Listed on the "China Top 500 Private Enterprises" by the China Federation of

Industry and Commerce for 9 consecutive years, ranking 152nd in 2022

Listed on the Fortune 500 China for 8 consecutive years, ranked 309th in 2022

Ranked "Most Bankable" PV brand by Bloomberg New Energy for 8 consecutive

years

2022 SSE - "Science and Innovation 50 Index" and "SSE Growth Index" sample companies

2022 Forbes China - Top 50 Innovative Companies

2022 Fortune China - Top 50 Best Design Companies in China

2021 Forbes China - Most Promising Clean Energy Technology Award

2021 Harvard Business Review - "Enterprise of the Year Award" for Digital Transformation

China Institute of Energy economics research (CIER)- China Energy (Group)

Top 500, ranked 55th

World Brand Lab - China's 500 Most Valuable Brands, ranked 172nd (2021)

21st Century Business Herald - Board of Excellence (2021)



About Jinkosolar

Established in 2006, Jinkosolar pioneered the vertical integrated production model and today has become the world's leading solar module producer with 14 factories in China, Malaysia, US, Vietnam, 35 subsidiaries and sales office and 46,000 employees worldwide. The Company will reach 75GW wafer, 75GW cell and 90GW in 2023.

Since 2019, it has ranked No.1 in global module sales volume for four consecutive years. In 2022, the Company became the world's first solar company exceeding 100GW accumulated delivery, and led the industry in producing N-type TOPCon process technology to address strong global market demand for higher energy density and higher power generation technologies. In Q1 of 2023, it broke the world record of solar cell and module efficiency for the 22nd time. The Company launched liquid cooling energy storage system SunTera and SunGiga, first commercial application scenario of ultra safety liquid cooling ESS solution for utility and C&I energy storage power station projects

Jinkosolar-made solar products serve a global customer base of more than 3,000 in over 160 countries, which is large and diverse with a wide range of applications. These products are used in a variety of end markets including utility scale, commercial and industrial, residential, BIPV. Such strong diversification helps to smooth fluctuations in demand, which in turn allows Jinkosolar to maintain higher levels of capacity utilization.

Global Layout



4 46000 +

Production Facilities

Employees

35

3000+

Sales Offices

Customers

160+

Covered Countries

Key Facts

150GW

Accumulated Delivered by 2023 Q1

46.58GW

2022 Sales Volume

by 2023 Q4

90**G**W

Module Capacity

106.2 billion RMB Total Asset by 2022 Q4

80.3 billion RMB

2022 Revenue

21.1 GW 25.2 GW 2020 2021

104.77%

YoY Growth 2022

2.947 billion RMB

2022 Net Profit (Billion)

158.21%

Increasing Rate of Net Profit 2022

Top50

2022 Hurun China Top 500, ranked in the top 50

Thanks to the worldwide strong demand of higher efficiency and generation performance N-type solar products, the Company reached 46.58GW sales volume and 83 billion RMB in revenue in 2022, representing a robust growth of 104.77% over 2021.



Core Competitiveness

JinkoSolar is one of the global leading PV manufacturers in the development of advanced technology, process technology, and smart manufacturing. JinkoSolar's leadership position is based on three differentiated competitive advantages and a long-standing business strategy. JinkoSolar has distinguished itself from the competition through its leading technology, manufacturing excellence, global layout, and industrial ecosystem.

LEADING TECHNOLOGY

MANUFACTURING EXCELLENCE







R&D Organization and Investment

Jinkosolar continued to invest in research and development, with total R&D expenditures of 9.962 billion RMB in three years of 2020, 2021, 2022, that it exceeds the R&D investment of any other leading solar companies in China. It holds 1,461 patens, and has a R&D team of 2,000 scientists, experts and engineers. For 22 times, Jinkosolar has broken the world record of cell and module efficiency. It tops the industry in patent numbers, patent allowance rate, R&D investment,

Faced with the continuous challenge to significantly scale up panel power and generation performance (kWh/kW), the Company has focused its R&D efforts on contributing to customers' project success by offering leading-edge technologies and engineering solutions.

In 2022, the Company started mass production of N-type TOPCon technology, the leading-edge technology in the solar PV industry today. Furthermore, the Company's research efforts pushed forward with record high cell efficiency beyond 26.4%.

In addition to conventional panels, Jinkosolar conducts R&D on and commercialize BIPV building-integrated PV technologies including BIPV rooftop and facade that provide the functionality required by C&I customers.

2020-2022 R&D Investments

9.962 billion(RMB)

World Records

22 times

Authorized Patents

1461

Technology Leadership

R&D Team

2000



Manufacturing Excellence

Maintaining reliable and consistent production quality and yield rate is Jinkosolar's key manufacturing strength. The combined capacity of its four-teen facilities reach 75GW of wafer, 75GW of cells and 90GW of modules including 55GW N-type TOPCon capacity by end of 2023. Haining factory also supports 300MW N-type BIPV production. Liquid cooling energy storage system risk production is currently on track at Haining, with plans to start volume production in Q2 of 2023. Besides, an additional portion of capacity is built at Jianshan for R&D work on leading-edge manufacturing technologies, which currently supports the technology development of 26% efficiency N-type cells and beyond.

As advanced technology continues to evolve and energy density keeps enhancing, the need for tighter process and quality control becomes extremely challenging for manufacturing. Jinkosolar's unique manufacturing infrastructure is tailored to handle a diversified-location and product portfolio, which uses strict process control to attain tightened specs and meet higher product quality, performance and reliability requirements.

Wafer Capacity

75 sw

Cell Capacity

 $75_{\text{\tiny GW}}$

Module Capacity

 $90_{\text{\tiny GW}}$

N-type Module Capacity

55 gw

High Level of Automation

Utilization of digital and automated production process eliminates need for manual labor and processes.

State-of-the-Art Equipment

Integration of latest upstream technology and state-of-the-art manufacturing equipment.

Optimized Processes

Effective production processes with ongoing optimization.

Intelligent Production

JinKO Solar

Intelligent systems can analyze data, identify previously undetected errors, and reveal areas for further improvement.

Qualified Staff

Well-trained and experienced production staff ensuring product quality at every stage.

JinKO Solar

Automated Production

Intensive Quality Tests

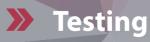
All cells and modules must past through a list of 48 different tests to ensure that the visual, optical, electrical, physical, and mechanical properties of the products meet JinkoSolar's high standards before reaching customers.

Comprehensive Quality Control

JinkoSolar's quality infrastructure spreads across the entire value chain. All sub-steps subjected to constant monitoring.

Certified Quality Processes

Certified quality processes combining cutting edge quality control equipment, quality control certification process, diagnostic standards, and professional staff.







Open Ecosystem

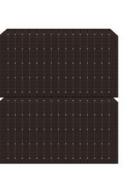
Competition continues to intensify in the face of increasing industry consolidation and the commoditization of technology at more mature, conventional levels, and thus Jinkosolar is finding ways to keep and promote innovation through active collaboration with external partners, known as eco-system. It is an "outside in" approach to complement traditional "inside out" methods. Jinkosolar has chosen this path to stimulate innovation via its N-type TOPCon initiative, which is a key part of the Jinkosolar's Open Alliance.

The N-type TOPCon initiative is a comprehensive technology infrastructure that encompasses all critical supply chain areas to increased power, efficiency and generation performance of solar products. n-TOPCon promotes the speedy implementation of innovation amongst the polysilicone solar PV community and its ecosystem partners using Jinkosolar's process technology in design implementation and backend services.

Crucial to N-type TOPCon are ecosystem interfaces and collaborative components initiated and supported by Jin-kosolar to empower innovation throughout the supply chain, in turn, drive the creation and market share,

Jinkosolar brings together the creative thinking of suppliers and partners under the common goal of shortening each of the following: implementing time, time-to-volume, time-to-market and, ultimately, time-to-revenue.







Globalization

Jinkosolar is committed to providing the best possible products and services, which is critical to customer satisfaction, retention, relationship enhancement and attracting new customers. Jinkosolar has established 35 subsidiaries consisting of dedicated and localized service team that strives to provide world-class solution to support more than 3,000 customers' projects distributed in over 160 countries.

Today, Jinkosolar has 46,000 employees, 1/4 are local-hired overseas staff. Staring from global sales and transitioning towards global production and global sales is the long-term strategy of the Company, this it tops the industry in terms of number, investment and capacity of overseas facilities.

Chin

17.83 %

Brazi

25.62 %

Spair

15.09 %

Germany

23.68 %

Japan

18.97 %

Poland

42.42 %

the Netherlands

30.30 %

Australia

31.01 %























To respond to the unending demand for high efficiency and yield gain, customers rely not only on JinkoSolar's reliable N-type module capacity, but also on the company's predictable technology development progress.

In its second year of mass production, JinkoSolar's N-Type TOPCon technology has proven to be the most competitive and advanced technology in the industry, providing customers with the highest efficiency, best performance at the most mature yields, and best cost. The demand for N-Type Tiger Neo continues to be strong, driven by high energy density and high power generation per watt, and is driving the industry's overall transition to N-Type.

Based on the innovation of N-type TOPCon technology, the second-generation Tiger Neo series modules have been launched worldwide. The upgraded Tiger Neo modules can reach a maximum power of 635W, a maximum efficiency of 23.23%. The highest bifacial factor is up to 85%, which achieved an increase of about 15-20% compared to conventional bifacial modules. The optimized temperature coefficient is -0.29%/C, which not only provides modules excellent power generation performance, but also better system performance for customers under the most severe conditions.















Energy Storage System





Sustainable Development



In 2019, JinkoSolar joined the RE100 green initiative, committed to power its factories and global operations with 100% renewable energy sources by 2025. JinkoSolar also requires its key suppliers to adopt the same low-carbon production philosophy and take action to reduce their carbon footprint and create a green supply chain.

JinkoSolar is also the first member to join the PV Cycle organization in the industry, and is committed to recycling retired modules. Its self-developed recycling technology can achieve 92% recycling of module parts and packaging materials, reducing the carbon footprint of PV products throughout their life cycle and beyond.



ESG Awards

Forbes Top 50 Sustainable Companies in China in 2023

2022 China Listed Companies Association "Excellent ESG Practice Cases of Listed Companies"

2022 Ernst & Young Sustainability Awards 2022 Outstanding Enterprise of the Year

2022 Harvard Business Review - "2022 China New Growth - ESG Innovation Practice List"

Sina Finance - Best Social Responsibility Award · China Corporate ESG "Golden Responsibility Award" (2022)

China Association for Public Companies - "Excellent ESG Practice Cases of Listed Companies" (2022)

Case report on World Economic Forum (WEF) Promoting Green Development in the Belt and Road Initiative: Leveraging Finance and Technology to Promote Low Carbon Infrastructure (2021)

China Energy Carbon Neutral Pioneer - Annual Carbon Neutral Model Company (2021)

US Green Builder - Annual Green Innovation Award (2021)

The 4th Social Responsibility Conference of SRC - Annual Sustainable Development Contributor (2021)