JA SOLAR

JA Solar Technology Co., Ltd.

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JA SOLAR

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JA SOLAR TECHNOLOGY

Harvest the Sunshine

1 million years ago, the first firewood ignited by mankind illuminated the road to civilization. 3000 years ago, coal became part of man's daily life and this efficient energy opened a new chapter in mankind's economic and social development. 200 years ago, with the start of industrial Revolution, coal, petrol and natural gas became the main sources for world energy supply with which came unprecedented rapid development and changes.

Energy exerts deep influence on each crucial point in social development. Since entering the 21st Century, traditional energy reserves are found limited, tending to restrict social development on a long term basis, and damages the environment during the process of exploitation and utilization. Thus it is important for humans to find alternative clean energy sources.

Compared with traditional energy, solar energy is inexhaustible, widely distributed and can be utilized with no pollution and discharge, which makes it an ideal clean energy. The development and utilization of solar energy would improve the environment greatly in the meanwhile drive forward society, promoting the sustainable development of mankind.

Since its establishment in 2005, JA Solar has held to the idea of "Developing solar power to benefit the planet". By promoting the utilization of solar energy with photovoltaic power generating technologies, JA Solar dedicates itself to providing clean, safe, efficient and sustainable energy to the society.

“Green mountains and clean water are true sources of wealth." As a renewable energy enterprise, JA Solar regards the construction of ecological civilization as its obligatory duty.
Our company is devoted to the development of continuous technological innovation and sustainable clean energy so as to benefit people today and in the future.”

Chairman

JA Solar, Your Trusted Partner in Global Green Energy

JA Solar Technology Co., Ltd. ("JA Solar") is a leading global supplier of photovoltaic ("Pv") power generation solutions. Mr. Baofang Jin, the founder and chairman of the Board of the company, led the pioneering entry into the PV industry in 1996, with an initial focus on the slicon rod and slicon wafer business. in 2005, he founded JA Solar to begin manufacturing solar cells. The company was listed on NASDAQ in 2007. By 2010, JA Solar had extended its industnial chain downstream to include modules, and in 2012, it further expanded to PV power generation, thereby having established a vertically integrated production chain. After privatizing and delisting from NASDAQ in 2018, JA Solar completed its A-share listing on the Shenzhen Stock Exchange in 2019 (Stock Code: 002459). The company's birthplace and place of registration for the listing are both in Ningjin County, Hebei Province. JA Solar has established multiple production bases globally and owns 16 sales companies overseas. it has built a comprehensive new energy industny chain encompassing silicon wafers, cells, modules, energy storage systems, PV power staion development and operation, as well as PV materials and equipment, JA Solar's products are sold and servicad in 178 countries and regions worldwide. In 2024, achieving cells and modules shipments set a record high for the company. As of the end of the first quarter of 2025, the cumulative shipment volume of cels and modules has exceeded 280Gw, ranking among the top global companies for many consecutive years

1996 Chairman Baofang Jin led the pioneering entry into the Py industny

May, 2005
Founded in

NASDAQ
Listed on Feb, 2007

Shenzhen
Stock Exchange
Listed on Nov. 2019

37289
Employees
(As cf Q4, 2024)

70.1 Billion RMB
Revenue in 2024

280 GW
Cumulative Shipments
(As cf Q4, 2025)

178
Covered Countries and Regions

14.5%
Global Market Share
(2024, S&P Global)

Fortune China
5 Consecutive Years Listed on

Global Top 500 New EnergyEnterprise
14 Consecutive Years Listed on

The Chairman

JIN Baofang
Chairman of JA Solar

Corporate Culture

Being a great Enterprise.

Vision

Developing solar power to benefit the planet.

Mission

Being genuine, simple, respectful and restrained, grateful.

Spirit

To be an upstanding and responsible person and apply oneself with integrity and industry.

Motto

Being customer-centred, promoting welfare for our staff members, and creating value for the owners.

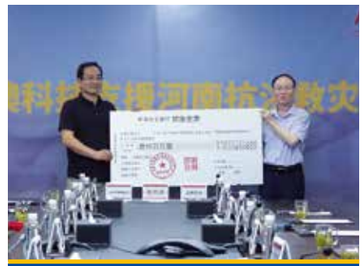
Core Values

Corporate Social Responsibility

"Being genuine, simple, respectful and restrained, grateful" is JA Solar’ s enterprise spirit. While making great effort in developina its business, JA Solar also devotes itself to social charity, it has donated over 100 milion yuan in disaster and poverty relief, leaming and teaching assistance, and urban environment construction.

10 Million Yuan

On January 26, 2020, JA Solar donated 10 Million Yuan together with medical supplies including masks, protective clothing, goggles etc. to help medical institutions to fight against the CoVID-19 pandemic



10 Million Yuan

On July 23, 2021, JA Solar donated 10 Milion Yuan for flood relief and post-disaster reconstruction in Henan Province

JA Solar Donated PV Lights to UNHCR to bring Light and Hope to forcibly displaced people worldwide

1900 patients

JA Solar's Bright Project has helped over 1900 patients suffered cataract get medical vto 10,000 impoverished cataract patients

10,000 patients

JA Solar implemented the Assistance Project to benefit 10,000 Students from impoverished families

5 Million Yuan

On August 2023, JA Solar donated 5 Million Yuan for post-disaster reliefin Shijiazhuang

15 Million Yuan

On August 2023, JA Solar donated 15 Million Yuan for post-disaster relief in Xingtai

JA Solar donated 6 offgrid 15kW PV-plus-storage systems and a 30kW grid-connected PV system to 6 schools in Lvchun County, Yunnan Province

JA Solar has long engaged in supporting basic education,84 out of 100 Hope Primary Schools it planned to build have been completed

Awards and Achievements

National Charity Enterprise Award
China Charity Federation

Silver Award in 2024 Sustainability Rating
EcoVadis

2024 Best Practice Cases of Culture Construction of Listed Companies
China Association of Listed Companies

China CSR Green Award
China Social Responsibility 100 Forum

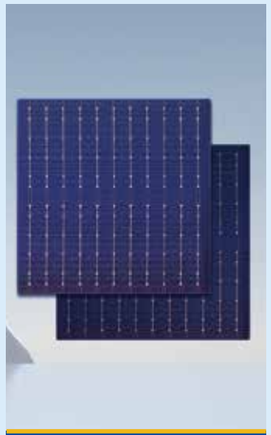
Best Happiness Enterprises Award
Solarbe Awards

Typical ESG Cases of Listed Companies
China Association for Public Companies

Vertically Integrated Photovoltaic Product Manufacturer

Ingots Wafers ------> Cells ------> Modules ------> Power Plants

Capacity:80GW+



Capacity:70GW+

Capacity: 100GW+

Power Plants

Note: As of the end of 2024

A Leader in Technology Innovation

JA Solar always puts the developing strategy of “Innovation" above others. As a result, it takes the lead in both the research and development of the commercial utilization of innovative technologies. its consistent commitment to and efficient output of technology innovation brings products with superior quality and performance, and has won long-term recognition in the market.

As of 2025, JA Solar has been recognized ten times as a “Top Performer” by PVEL, a globally respected independent PV testing laboratory.

JA Solar has received “Overall Highest Achiever” honors for five consecutive years from the Renewabe Energy Test Center (RETC).

In 2024, JA Solar was listed among TaiyangNews' “Top 10 Highest Efficiency Mass-ProducedModule Manufacturers” for its DeepBlue 4.0 Pro series.

Accreditations and Certifications

JA Solar has established silicon wafer labs, cell labs and module labs to ensure product quality throughout the whole manufacturing process. The quality of JA Solar's products is also accredited by world-class certification authorities. With the advantages of high conversion efficiency, high power output and high reliability, JA Solar's products are applicable in diverse conditions: ground, water, sand, rooftops, and under different climate conditions including sand and storm, high temperature, salt and alkal, extreme coldness, etc.


TÜv


CE


ETL


CQC


Frontrunner


MCS


PID


Salt Mist Testing


Ammonia Testing


Dust and Sand Testing


DML Certificate


Transportation Testing


CEC (Australia)


ISO 9001:2015


ISO 14001:2015


OHSAS 18001:2007


IEC TS 62941

PV CYCLE

Technology Milestones

2012

Mass production of anti-PID (60°C , 85%RH) cells and modules

2013

Conversion efficiency of PERCIUM p-type mono cell achieves 20.3%

2014

Conversion efficiency of RIECIUM p-type poly cell achieves 20%

2015

Mass production of PERCIUM p-type mono cells

Mass production of anti-PID(80°C , 85%RH)cells and modules

2016

Power of 60-cell mono module achieves 300W

Mass production of regular 1500V modules

2017

Mass production of double glass modules

Mass production power of 60-cell mono module breaks 325W

2018

Conversion efficiency of BYCIUM n-type mono cell

2019

Conversion efficiency of BYCIUM n-type mono cell achieves 23.8%

Mass production efficiency of PERCIUM p-type mono cell achieves 22.7%

Mass production power of 72-cell MBB half-cell module achieves 410W

2020

Warranty for first-year maximum module power reduction ⩽2%

Mass production efficiency of PERCIUM+ p-type mono cell achieves 23%

Power of new product DeepBlue 3.0 reaches a record high 545W

2021

Efficiency of mass produced PERCIUM+ p-type mono cell achieves 23.4%

Pilot line of DeepBlue 4.0 X (based on Bycium+) with power of 610W

2022

Efficiency of BYCIUM+ n-type cell achieves 25.3%

DeepBlue 4.0 X was put into mass production with power up to 615W

First-generation liquid-cooled 2MWh utility-scale energy storage system, 93% efficiency

2023

Efficiency of Bycium+ n-type cell reaches 25.6%

Mass production power of DeepBlue 4.0 Pro reaches 630W

Second-generation liquid-cooled 3.35 MWh utility-scale energy storage system, 94% efficiency

C&I All-in-one 232 kWh / 372 kWh energy storage system, 89.5% efficiency

Residential all-in-one PV+BESS system

Bycium+ cell sets world record in open-circuit voltage: 748.6 mV

Third-generation liquid-cooled 5 MWh utility-scale energy storage system

C&I DC-Coupling PV+BESS 120kW/232kWh system, 90% efficiency

Residential PV+BESS split system

2024

2025

DeepBlue 5.0 module released with a 670W power output and 24.8% efficiency

All-scenario module solution released

Fourth-generation liquid-cooled 5 MWh utility-scale energy storage system, integrated AC/DC design, 30% footprint reduction

C&IAll-in-one energy storage system: 261 kWh, 91% efficiency

Branches Worldwide

JA Solar's sales and service network covers major global PV markets, providing high-efficiency and high-quality services to its global customers. Market layout based on demand ensures the steady progress of the company.

Strategic Partnerships

国家电网公司 STATE GRID CORPORATION OF CHINA
中国南方电网 CHINA SOUTHERN POWER GRID
国家能源集团 CHN ENERGY
国家电力投资集团公司 STATE POWER INVESTMENT CORPORATION
中国华能集团公司 CHINA HUANENG GROUP
中国大唐集团公司 China Datang Corporation
中国电建 POWERCHINA
中国能建 ENERGY CHINA
中国长江三峡集团公司 China Three Gorges Corporation
華潤電力控股有限公司 China Resources Power Holdings Co.,Ltd.
中广核 CGN
TBEA 特变电工 装备中国 装备世界
中国石油
中国石化 SINOPEC
上海电气 SHANGHAI ELECTRIC
ACWA POWER
AMEA POWER
MEISEI
enel
e·on
EDF
ReNew POWER
frv
acciona
IBERDROLA
日本コムシス株式会社
Azure Power
Masdar A MUBADALA COMPANY
SAMSUNG
Scatec Solar Improving our future
solarcentury
STERLING & WILSON
丸紅株式会社 Marubeni
東光電気工事株式会社
JGC 日揮株式会社
Statkraft
Segen
Libra ENERGY
natec
POWER nSUN today & tomorrow

International Accreditations

JA Solar's products are accredited by international certification authorities.

TÜVRheinland Precisely Right.
CLEAN ENERGY COUNCIL MEMBER

Top Brand PV Seals

Won Top Brand PV Seal from EUPD Research for years consecutively in different countries and regions.

EUPD RESEARCH TOP BRAND PV MODULES 2025

Australia
Africa
Latam
Europe
Southeast Asia
Spain
Italy
Kenya
Belgium
Colombia
United Kingdom
Chile
Brazil
Germany
Middle East and North Africa
Sweden
Mexico
Netherlands
Portugal
Austria
Switzerland
South Africa
Pakistan

Full-cycle efficient service system

Integrated global logistics system

Close partnerships with major depots, ports, and carriers

Global production + overseas warehousing

Reliable delivery and support for project sites

Global pre-sales and in-sales technical support

Dedicated experts for complex issues and solutions

Diverse after-sales support channels

After-sales support available via website, WeChat, hotline, and email

16+
Global sales & service teams

24/7
Customer response mechanism

⩾95%
Customer satisfaction

100%
On-time complaint response

Leader in Product Development & LCOE Reduction

JA Solar main products: n-type DeepBlue 4.0 Pro series modules

Product types	Product series	Number of cells	Single glass/ Double glass	Product models	Mainstream power (W)
n-type DeepBlue 4.0 Pro		72	Double glass	JAM72D42/LB	640-650
		66	Double glass	JAM66D45/LB	625-635
		54	Double glass	JAM54D40/LR	460-470
		54	Single glass	JAM54S40/LR	460-470
		72	Double glass	JAM72D40/MB	595-605
	OCEANBLUE	66	Double glass	JAM66D45/LB	625-635
	SKYBLUE	66	Double glass	JAM66D45/LB	625-635
	Anti-Dust	72	Double glass	JAM72D40/MB	595-605
	Anti-Dust	66	Double glass	JAM66D45/LB	625-635
	Desert	66	Double glass	JAM66D45/LB	625-635

Classic Global Projects

JA Solar sells its products to over 178 countries and districts including Asia, Europe, Africa, North America, Latin America, and Oceania. Its products are applicable in different conditions such as ground, water, sand, rooftop, etc., satisfying various demands of its clients.

Rooftop Distributed PV Power Plant in Shunyi, Beijing
Location: Beijing
Project: Residential rooftop PV power plant

Rooftop Distributed PV Power Plant in Taicang, Jiangsu
Location: Taicang, Jiangsu
Project: Residential rooftop PV power plant

Rooftop Distributed PV Power Plant in Curacao
Location: Curacao
Project: Residential rooftop PV power plant

Rooftop Distributed PV Power Plant in Devon, UK
Location: Devon, UK
Project: Residential rooftop PV power plant

Rooftop Distributed PV Power Plant at the UN Compound in Beijing
Location: Beijing
Project: Commercial and industrial rooftop PV power plant

Rooftop Distributed Power Plant of Beijing Daxing International Airport
Location: Beijing
Project: Commercial and industrial rooftop PV power plant

Rooftop Distributed PV Power Plant of Taiping Huogui in Qingdao
Location: Qingdao, Shandong
Project: Commercial and industrial rooftop PV power plant

Distributed PV Power Plant of Beijing Fengtai Station
Location: Fengtai, Beijing
Project: Commercial and industrial rooftop PV power plant

Distributed PV Power Plant of Mirassol Football Club
Location: Brazil
Project: Commercial and industrial rooftop PV power plant

Distributed PV Power Plant of Mercedes-Benz 4S Shop in Malaysia
Location: Selangor, Malaysia
Project: Commercial and industrial rooftop PV power plant

Distributed PV Power Plant of the Royal Palace in Sweden
Location: Sweden
Project: Commercial and industrial rooftop PV power plant

Distributed PV Power Plant of Vergelegen Mediclinic in Africa
Location: Western Cape, South Africa
Project: Commercial and industrial rooftop PV power plant

PV Project in USA Location: Utah, USA
Project: Ground-mounted PV power plant

Solar-Plus-Storage Project in Japan Location: Hokkaido, Japan
Project: Ground-mounted PV power plant

93MW Solar-Wind Hybrid Project in South Korea Location: Yeongam-gun, South Korea
Project: Solar-Wind Hybrid Project

PV Project in Jordan Location: Jordan
Project: Ground-mounted PV power plant

Huanghe Hydropower 615MW UHV Transmission Project Location: Qinghai, China
Project: Ground-mounted PV power plant

Loc Ninh 550MW PV Project Location: Loc Ninh, Vietnam
Project: Ground-mounted PV power plant

Kaposvar 54MW PV Plant Location: Kaposvar, Hungary
Project: Ground-mounted PV power plant

Sierra Brava 1.5MW Floating PV Plant Location: Extremadura, Spain
Project: Floating PV power plant

Egat 58.5MW Hydro-Floating PV Hybrid Project Location: Ubon Ratchathani, Thailand
Project: Floating PV power plant

Yalong River Kola Phase 1 Ground-mounted PV Project Location: Yajiang, Sichuan
Project: Ground-Mounted PV power plant

39MW Demonstration PV Project in Cambodia Location: Banteay Meanchey, Cambodia
Project: Ground-mounted PV power plant

Varberg Norra 4.8MW PV Project Location: Varberg,Sweden
Project: Ground-mounted PV power plant