

Solar
Jinko

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THE GLOBAL SOLAR LEADER WITH LOCAL FOCUS

FOR AUSTRALIAN HOMEOWNERS,
BUSINESS OWNERS
AND SOLAR PROFESSIONALS

BUILDING YOUR TRUST IN SOLAR.

THE MOST RELIABLE SOLAR BRAND ON THE PLANET

As the world's population grows, energy demands are skyrocketing. While working to meet that demand, it's vitally important to provide clean energy sources that don't threaten the air we breathe and our other natural resources.

Solar energy can provide a clean, efficient, and long-term solution. As solar technology has matured, the challenge is to harness the sun's power in the most reliable and cost effective manner in order to fulfill energy needs for decades to come. At JinkoSolar, we have a proven track record as the ideal partner for making the best photovoltaic (PV) modules and delivering unparalleled service on our way to becoming the most chosen module brand in the market.

WHAT SETS JINKOSOLAR APART

An ideal PV module manufacturer offers three key attributes: quality products, operational efficiency, and an unconditional commitment to its customers.

Many manufacturers today offer one or two of these advantages; only JinkoSolar provides the whole package. We have state-of-the-art, modern manufacturing facilities around the globe that produce dependable, world-class products with an unblemished quality record. We also have a near-perfect on-time delivery rate, and the management resolve to remain a committed partner to our customers over the entire 30-year life span of their solar projects. Simply put, we always keep our commitments.

STRENGTH IN NUMBERS

JinkoSolar is a global leader in the industry, publicly listed on the New York Stock Exchange in 2010, and the PV module manufacturer of choice for developers, EPCs, installers, and financiers. Our vertically integrated manufacturing, financial stability, and operational efficiency have produced results that simply outpace the competition.



55GW
deployed globally
* Current as of March 2020

85

BANKS APPROVED
JinkoSolar globally



WORLD
RECORDS

NOV. 8, 2018

Breaks world record for p-type mono PERC solar cell efficiency

JUNE 3, 2019

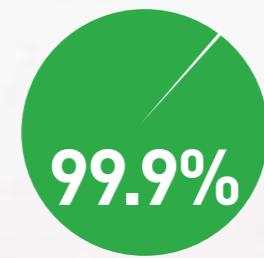
Breaks world record for p-type and n-type cell efficiency and mono PERC cell efficiency

JANUARY, 2020

Breaks world record for p-type and n-type cell efficiency

JULY, 2020

Breaks world record for n-type cell efficiency



99.9%
ON-TIME DELIVERY
in Australia & New Zealand



POSITIVE QUALITY™
Continuous Quality Assurance

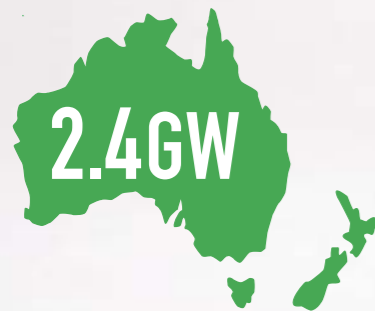
JinkoSolar passed the positive quality program.



6 CONSECUTIVE TIMES

#1

World's best selling solar panels since 2016. Number one in Australian Rooftop Market Share.



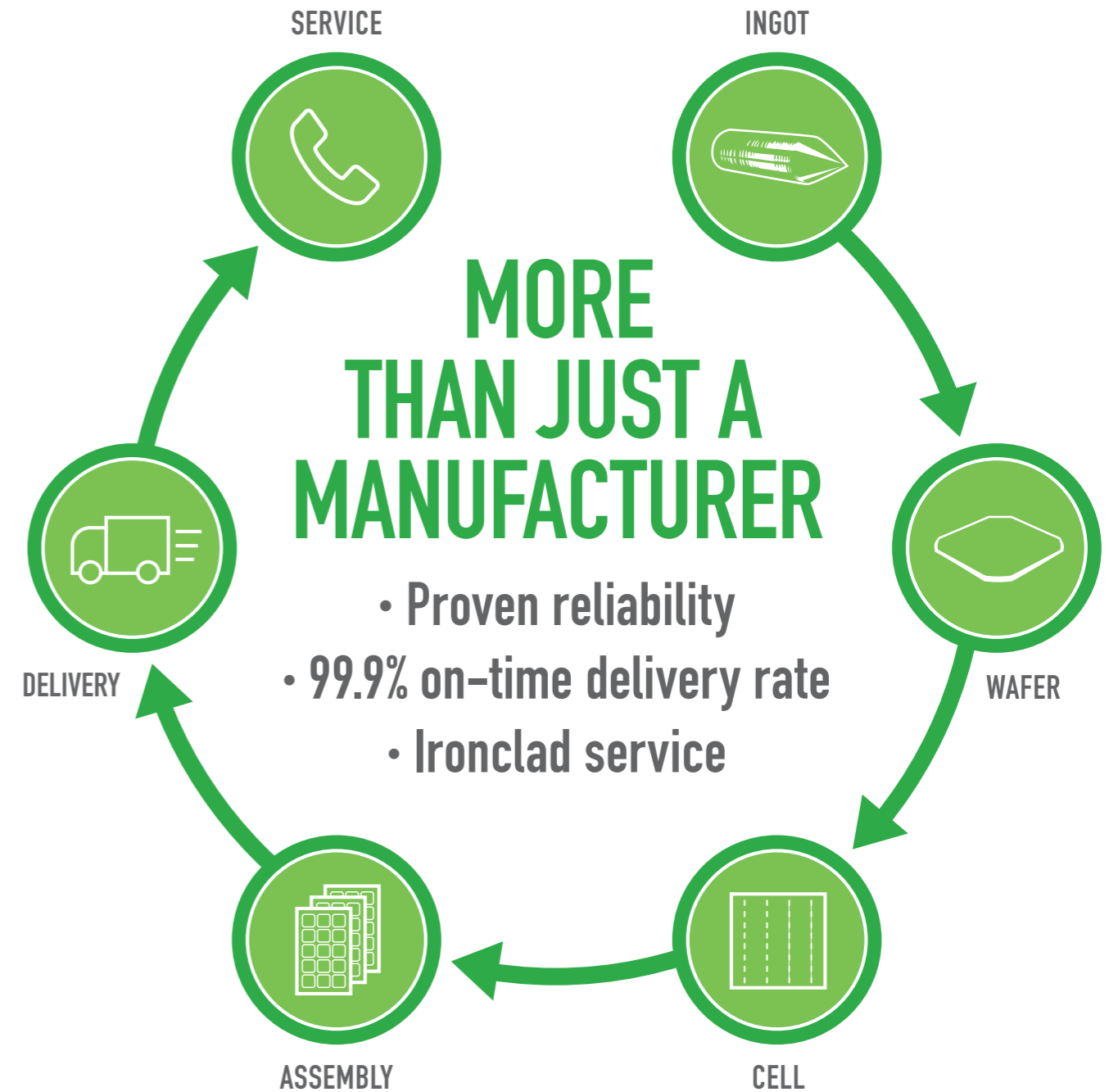
2.4GW
Equivalent to 480,000 homes powered in Australia
* Current as of July 2020



Listed as a Bloomberg Tier 1 manufacturer.



NYSE:JKS
Publicly listed on the New York Stock Exchange since 2010



We've redefined what it means for a solar company to be vertically integrated. Yes, it means start to finish in-house manufacturing of everything from growing the ingots, slicing the wafers and creating solar cells, modules, frames, connectors and junction boxes. But at JinkoSolar, we also integrate on-time delivery, unmatched service, and unrivaled product reliability as part of our structure. Each part ensures that we remain fully connected to our customers and highly responsive to their needs.

JINKOSOLAR NETWORK

NATIONWIDE DISTRIBUTION PARTNERS AND STOREHOUSE FACILITIES



At JinkoSolar, we have a network of distributors across Australia and New Zealand strategically located to serve every state and territory in the country. Our distribution partners are volume suppliers of PV system components, enabling us to provide reliable delivery and service to all of our customers.

In Australia we have dedicated warehouse facilities in Sydney, Melbourne, Brisbane, Adelaide and Perth. Because we understand that our customers in Australia value local service, we have built a full-service team focused on helping you grow your solar business whether in residential, commercial or utility scale solar.

Our Australian operations include sales, sales support, technical support, marketing and business development. In all cases, we have the ability to make quick decisions and provide highly responsive customer service.



GLOBAL IMPACT AT A GLANCE

● Global Sales Office

● Manufacturing Facility

JinkoSolar Manufacturing Facilities:

- Florida, USA
- Penang, Malaysia
- Leshan, China
- Haining, China
- Shangrao, China
- Yuhuan, China
- Xinjiang, China

WORLDWIDE LOCATIONS

Our worldwide logistics ensured that modules arrive on time and in pristine conditions. JinkoSolar distributes its solar products and sells its solutions and services to a diversified international utility, commercial and residential customer base in China, the United States, Japan, Germany, the United Kingdom, Chile, South Africa, India, Mexico, Brazil, the United Arab Emirates, Italy, Spain, France, Belgium, and other countries and regions. JinkoSolar has built a vertically integrated solar product value chain, with an integrated annual capacity of 17.5 GW for mono wafers, 10.6 GW for solar cells, and 16 GW for solar modules, as of March 31, 2020.

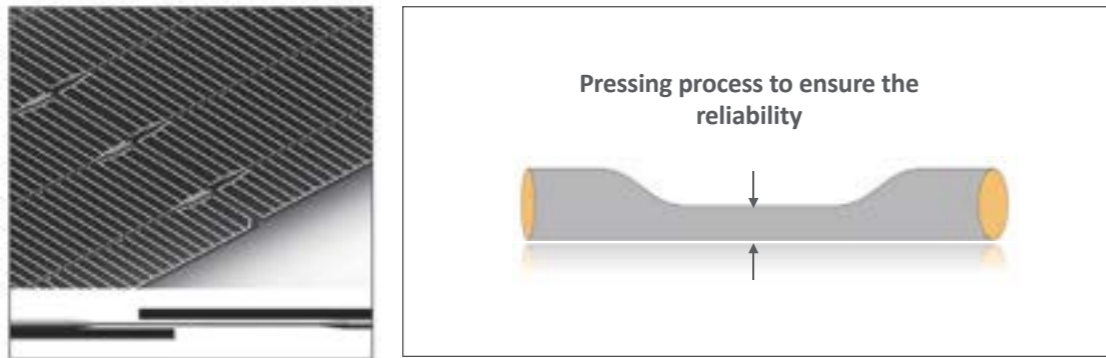
We have over 15,000 employees across our 7 production facilities globally, 14 overseas subsidiaries in Japan(2), South Korea, Vietnam, India, Turkey, Germany, Italy, Switzerland, United States, Mexico, Brazil, Chile and Australia, and global sales teams in China, United Kingdom, France, Spain, Bulgaria, Greece, Ukraine, Jordan, Saudi Arabia, Tunisia, Morocco, Kenya, South Africa, Costa Rica, Colombia, Panama, Kazakhstan, Malaysia, Myanmar, Sri Lanka, Thailand, Vietnam, Poland and Argentina.

JinkoSolar is always focusing on creating value added for its customers. Our modules series, with high energy density advantage and lower LCOE benefits, has been developed based on market's and customer's demands.

TR TECHNOLOGY

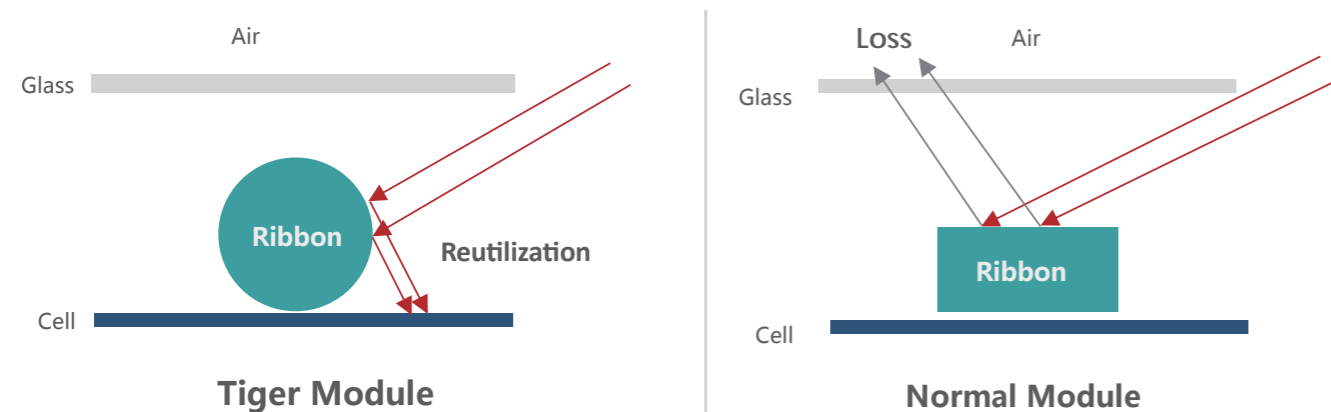
Eliminate cell gap to increase module efficiency significantly.

Jinko circular ribbon has better suppleness, offer-pressing process, it performs excellent reliability.



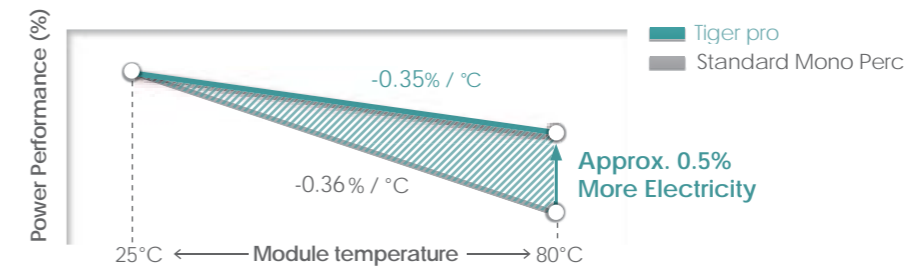
Circular Ribbon Brings More Energy

Comparing with 5BB, Tiger series module uses circular ribbon which is developed by Jinko R&D independently to achieve the reutilization of light absorption and increase energy generation.



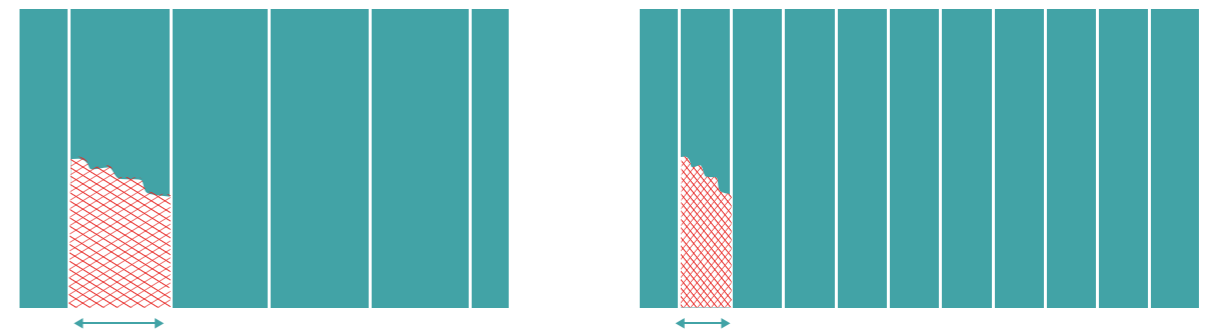
Improved Temperature Coefficient

Tiger has an improved temperature coefficient of $-0.35\%/^{\circ}\text{C}$. change to actual energy output can be increased up to 0.5% per day, perfect for delivering more electricity on hot summer days.

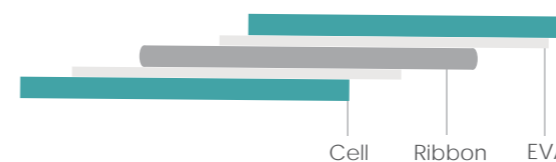


Lower Microcrack Loss

Comparing with 5BB, current transmission distance is 50% lower which decreases the power loss by micro crack.



Structure diagram of overlapping area



According to the experiment, specially made EVA/POE will fill the overlapping region that gives excellent buffering effect to ensure the reliability.

JINKOSOLAR N-TYPE TECHNOLOGY

Product Introduction

N-type Monofacial

N-type Bifacial

Black Backsheet
25 Year
White Backsheet
20 Year

Product warranty

1st year:
1%
2-30 years:
0.4%

Better warranty

21.38%

The Highest Efficiency



85±5%

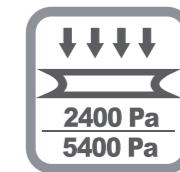
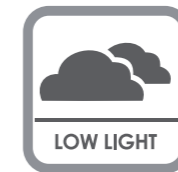
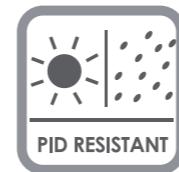
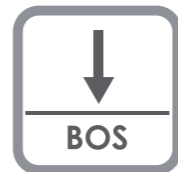
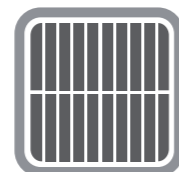
Higher bifacial factor

-0.34%

Better Temp. coefficient

+2.52%

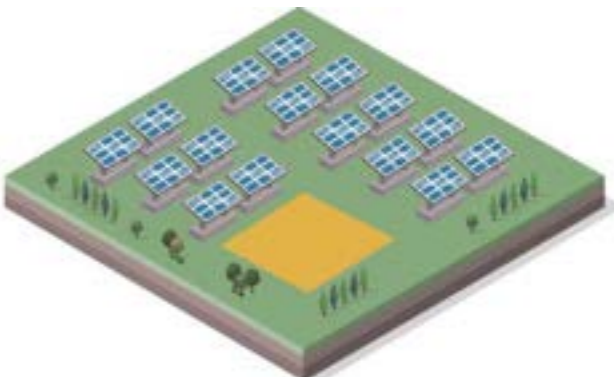
More Energy Generation





N-Type for Utility Market

*Example : Australia - 164MW Project



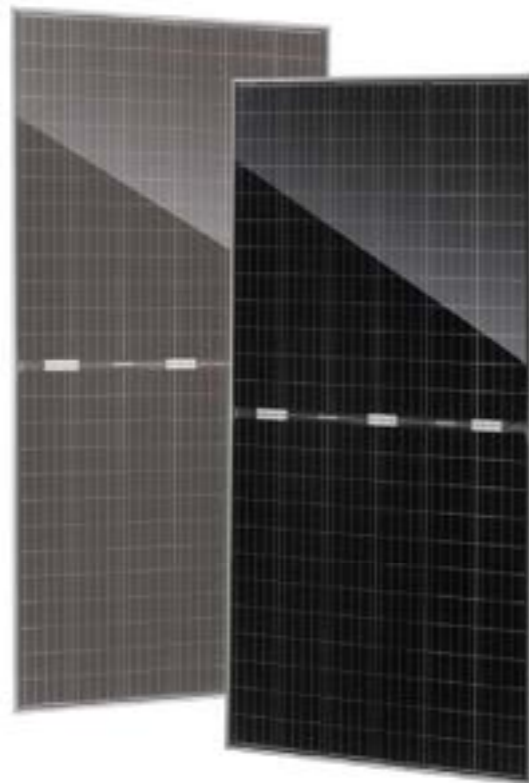
**P-type 455W
20.00%**

**N-type 475W
20.87%**

LCOE Analysis		
Module	P-type Module-455W	N-type Module-475W
1 st Degradation	2.5%	1%
Linear Degradation	0.55%	0.4%
Bifacial Energy gain	9%	10.9%
1st Year Generation	392783(MWh)	406483(MWh)
Result		
LCOE(US cents/kWh)	2.42	2.27
IRR	12.34%	13.19%

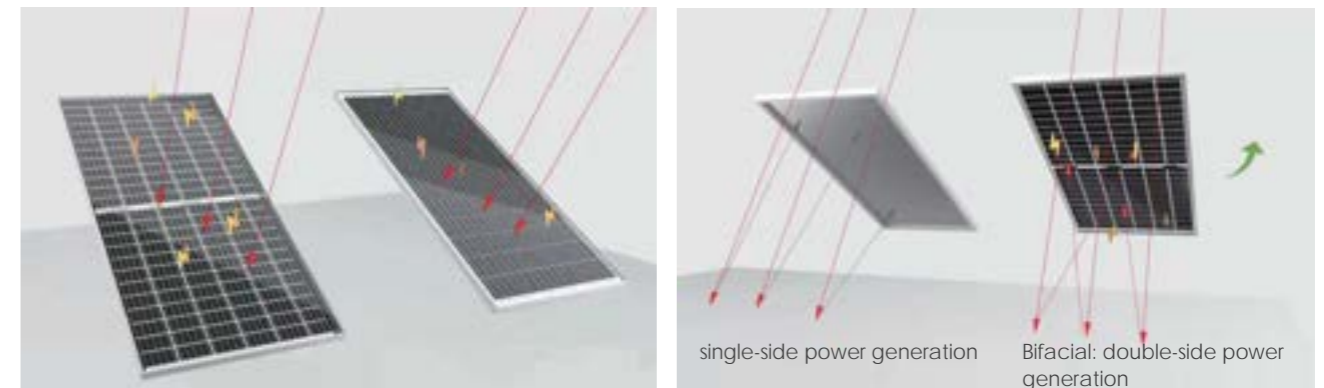
Compared with 455Wp P-type modules, using JinkoSolar 475Wp N-type modules provides your project with a lower LCOE and a higher IRR. The result of heavy investment in R&D, such as new cell technologies and innovative cell doping to improve longevity, JinkoSolar N-type series is the panel of the future.

JINKOSOLAR BIFACIAL TECHNOLOGY WITH TRANSPARENT BACKSHEET



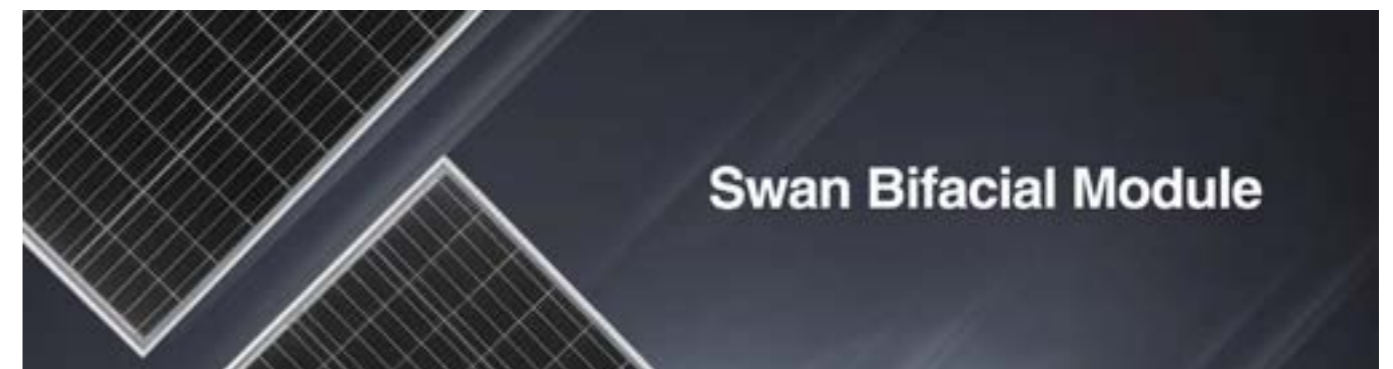
Swan Bifacial Product Profile

JinkoSolar Swan Bifacial Module Jinko's bifacial module with transparent backsheet can generate up to 25% energy gain from the rear-side achieving a power output of up to 500 / 540W (front and rear side), hence the same power output and rear-side power gain as with a dual-glass bifacial module, combining the benefits and extra yield of bifacial technology and the simplicity and easy installation of standard - glass backsheet modules. It reduces BOS costs thanks to its lighter weight and easier installation method which is identical to traditional glass-backsheet, framed modules.



Technological Advancement

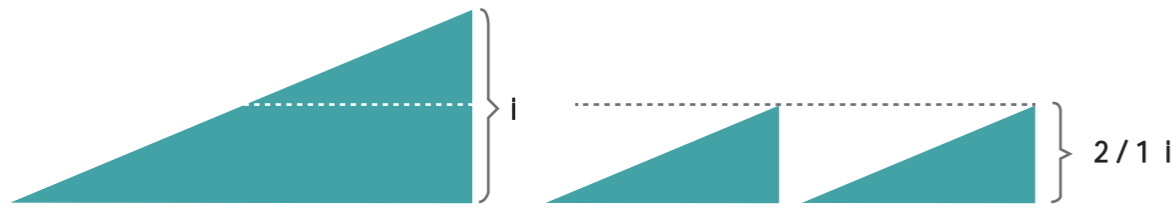
The p-type bifacial big cells module with DuPont™ Clear Tedlar® technology has been introduced for the first time in the market by Jinko. Bifacial with transparent backsheet assures lightweight modules like traditional glass-backsheet laminates and the framed structure simplifies their handling and installation, while mesh clear backsheet improves the internal reflection in the glass-cell-backsheet interlayered structure.



HALF CELL TECHNOLOGY

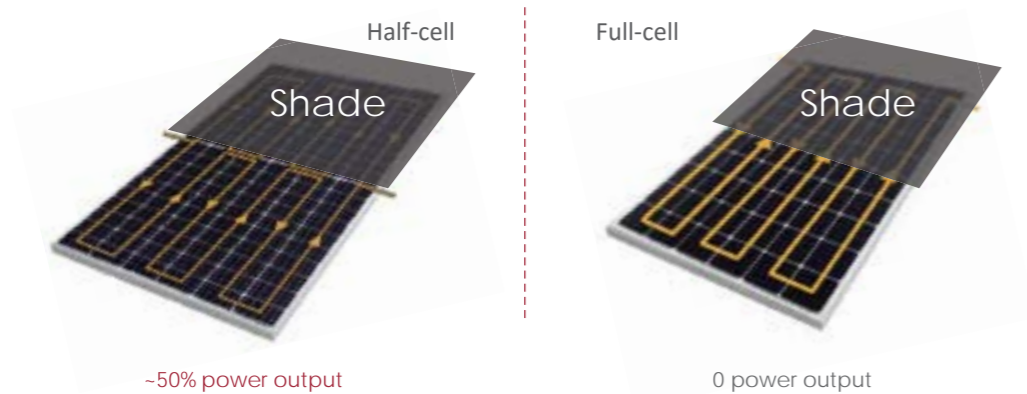
Amount of electrical current, By using half-cells, the electrical current (i) flowing in each busbar is halved. Therefore, the amount of internal losses in a half-cut module is 1/4 of a full sized cell module. Therefore, the amount of internal losses in a half-cut module is 1/4 of a full sized cell module.

Electrical Losses=Current² Resistance



Less Shading Loss

Shading loss of half-cell is much better than normal module in certain shading conditions.



High Module Efficiency

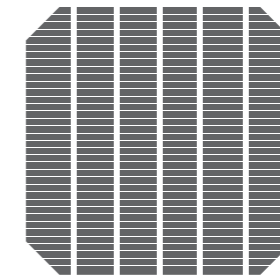
Half-Cell

For 3% more power



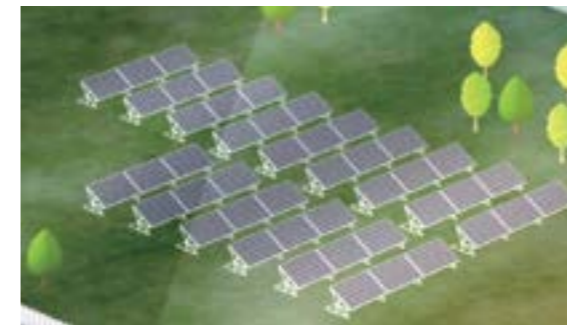
Full-Cell

Less busbar length reduces resistive losses

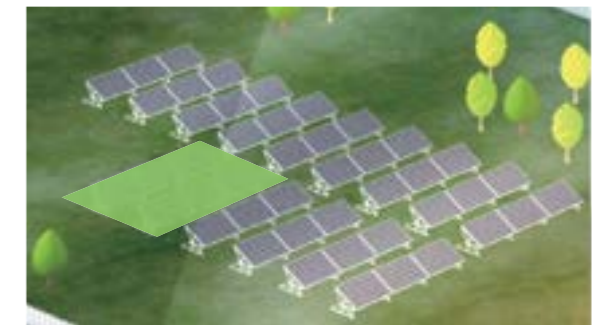


More Power in Less Cost

Half cell's high module power delivers improved power density, leading to less land usage, and reductions in both BOS and labor costs.



Conventional 72 cell



Cheetah 72 cell

Example : North America - 100MW Project

	Conventional 375Wp	Cheetah HC 400Wp
No. of Modules	266,682	250,106
Plant Area	1,861,185 m ²	1,809,316 m ²
Reduction in Area	0	-2.79%
Length of Support Racks	529.1 km	501.1 km
Reduction in racking	0	-5.31%

ON THE FRONT LINE IN DRIVING CLIMATE ACTION

Climate change is one of the most pressing global issues and energy and the ways we generate it are central for committing to action towards sustainability and carbon neutrality. Among all the renewables companies out there, JinkoSolar is the only one that has experience in contributing and leading the global dialogue on energy transition.

In fact JinkoSolar was the first modules manufacturer to join RE100 and EP100, two green initiatives that bring together the world's most influential companies committed to 100% renewable power and to doing more with less. Besides, we have been part of B20 Taskforce for 6 consecutive years and we have been invited to speak in the UN Climate Action Summit 2019, the UN Environment Program, the World Economic Forum and many other global conferences.

RE 100 EP 100



The world's most influential companies, committed to 100% renewable power.

