

Providing our world with the most economical, endless, and most sustainable clean energy solution.  
Revolutionizing our global energy generation and consumption model.  
Redefining our global energy mix and energy strategy.

Let the future be what we envision it to be



*Solar*  
**Jinko**  
**MAGAZINE**

3rd Edition of 2020



*Solar*  
**Jinko**  
Building Your Trust in Solar



# 晶科Tiger Pro 新品发布

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# ¥84.8 billion

JinkoSolar (JKS) Q1 Total revenues  
An increase of 25.1% from the first quarter of 2019.

# ¥732.7 million

JinkoSolar (JKS) Q1 Income from operations compared with RMB235.7 million in the first quarter of 2019.

An increase of 583% from the first quarter of 2019.

# 3411 MW

JinkoSolar (JKS) Q1 Total solar module shipments  
An increase of 12.3% in the first quarter of 2019.

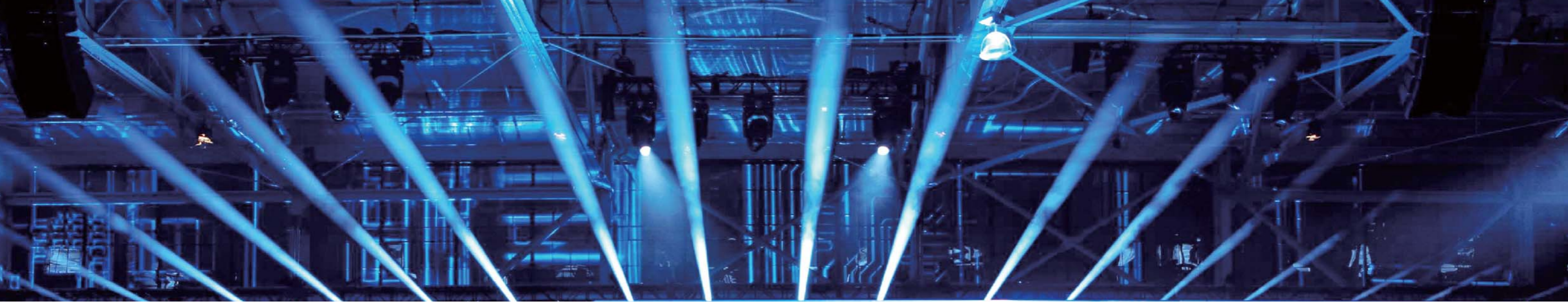
# ¥227.5 million

JinkoSolar (JKS) Q1 net income compared with RMB33.3 million in the first quarter of 2019.

# 583%







## JinkoSolar Launches 2020 Flagship Tiger Pro Series with Module Output of Up to 580W

The Tiger Pro module series was unveiled through a virtual product launch that was in a live broadcast around the world. The Tiger Pro module series showcases multiple solar power efficiency innovations across three flagship model. The module series can generate maximum power output of up to 580Wp, which are 40% higher than current mainstream products installed in utility projects. All these high energy density modules use innovative multi-wire 9BB and TR tiling ribbon technology to reach significantly improved performance with conversion efficiency up to 21.6%. In addition to their unparalleled power generation performance and outstanding output temperature coefficient, other advantages of the Tiger Pro module series include lower power attenuation rate (at 2% for the first year) and better open-circuit voltage. By greatly reducing LCOE compared to traditional modules, the high-efficiency Tiger Pro module series paves the way for investors to generate higher power output. Slated to commence mass production in the third quarter of 2020, the series is expected to lead the development trend of the industry, and become a mainstream choice for utility scale projects.

Mr. Kangping Chen, JinkoSolar's Chief Executive Officer, commented, " We' ve made an enormous leap into the high efficiency era by introducing industry-leading and more competitive products. The global PV market is rapidly moving towards high-performance modules to reduce system costs and initial upfront capital investment, so it was time to consolidate our competitiveness by leveraging our ability to rapidly begin mass producing cutting-edge products. We always modify our designs based on customer feedback and market response because designing high-efficiency products in the lab is one thing, but ramping up to mass production drives the entire industry forward together towards grid parity. With various types of modules, Tiger Pro series enables the construction of more powerful and efficient solar power farms that will bring higher return on investment for projects with larger technical and efficiency requirements. It is expected to lead the next generation of industry standards and drive the PV industry developing into a new chapter.

# TIGER Pro

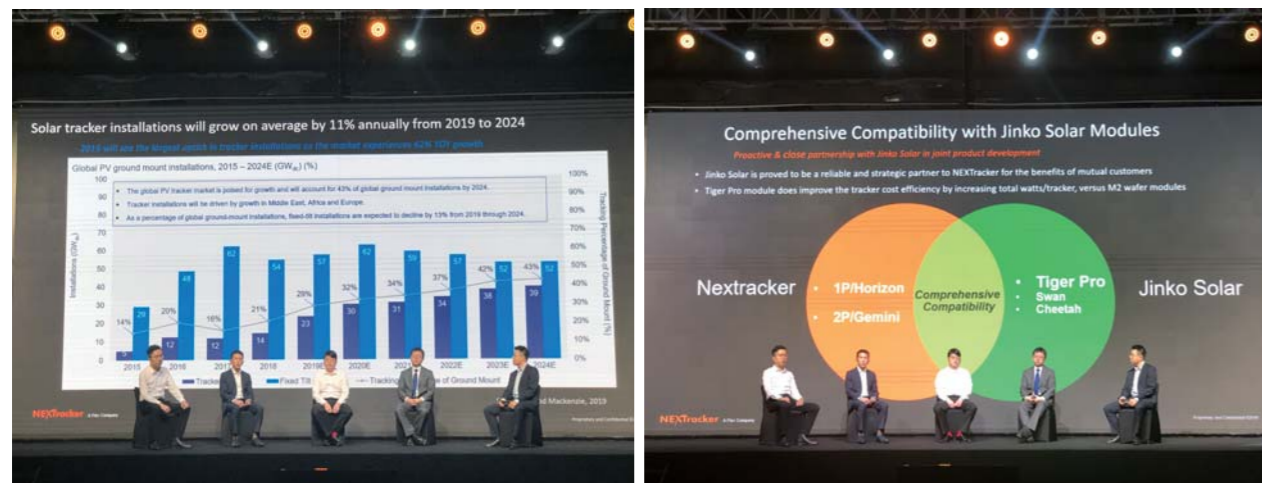
## ShangHai, May 2020



## JinkoSolar Tiger Pro Series Receives World's First IEC 61701 Ed. 3 (FDIS) Certification for Salt Mist Corrosion Standards

Jinko's Tiger Pro Series of high-efficiency modules received the world's first IEC 61701 Ed. 3 (FDIS) certification for salt mist corrosion test issued by TÜV Nord AG, an independent provider of technical services for testing, inspection, certification, consultation and training. Being the first solar module manufacturer in the world to receive such certification for salt mist corrosion reflects JinkoSolar's continued investment into R&D, extensive technical capabilities, and highlights the strength and quality of its solar products.

Prolonged exposure to high salt concentrations in coastal regions and offshore environments affect the operating performance of solar modules and impact the return of the entire system. To weather these extreme conditions, solar module components must meet higher standards for salt mist corrosion and reliability under CX (extreme marine) testing conditions to maintain optimum performance for module power output.



# TIGER Pro





**580W 78TR**

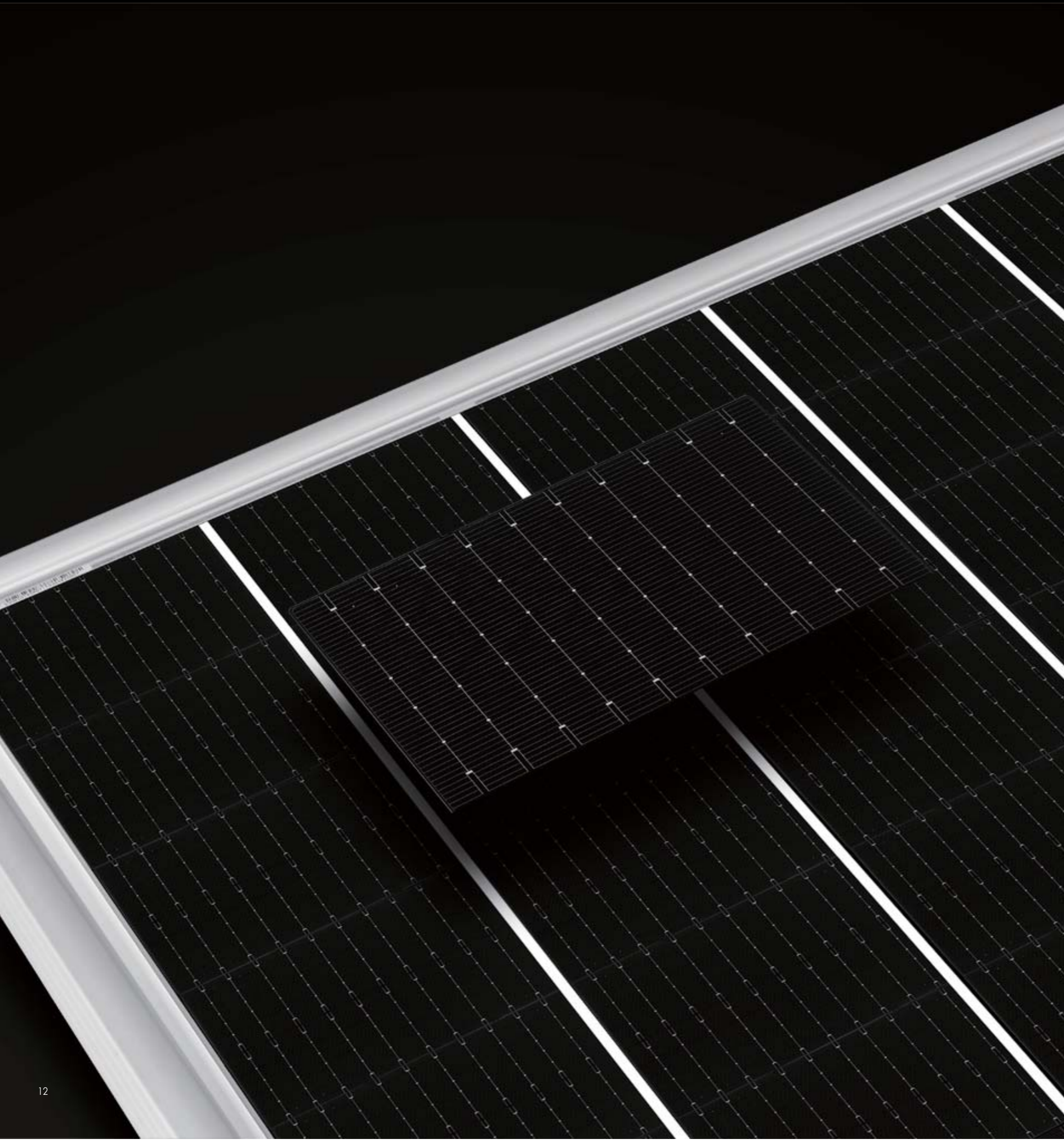
**535W 72TR**

**Records High Power**

The Ultra-High Efficiency  
of **21.6%**

Power Density up to  
**216 W/m<sup>2</sup>**





# Multi Busbar Technology

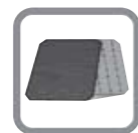
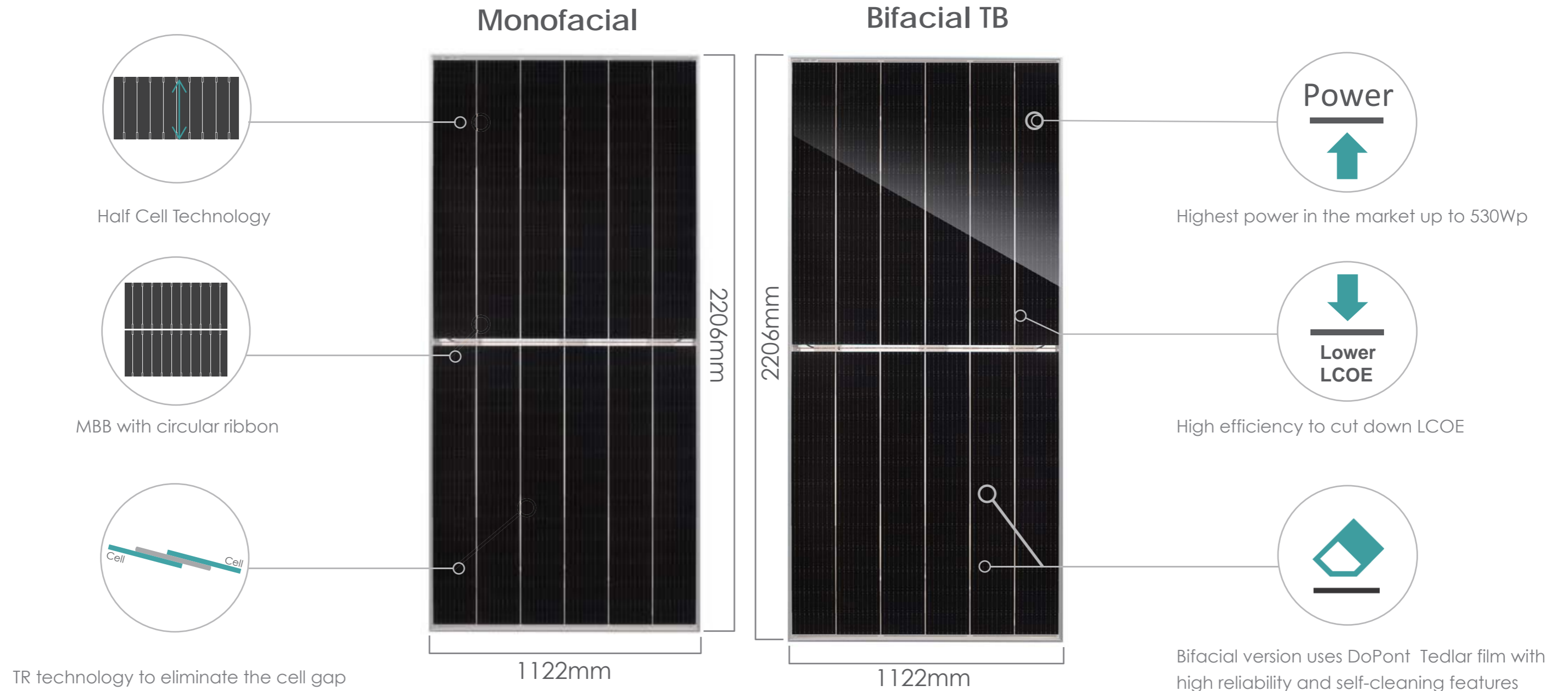
Decreasing the  
Current Loss



# Tiling Ribbon Technology

Eliminating the  
Inter-cell Gap



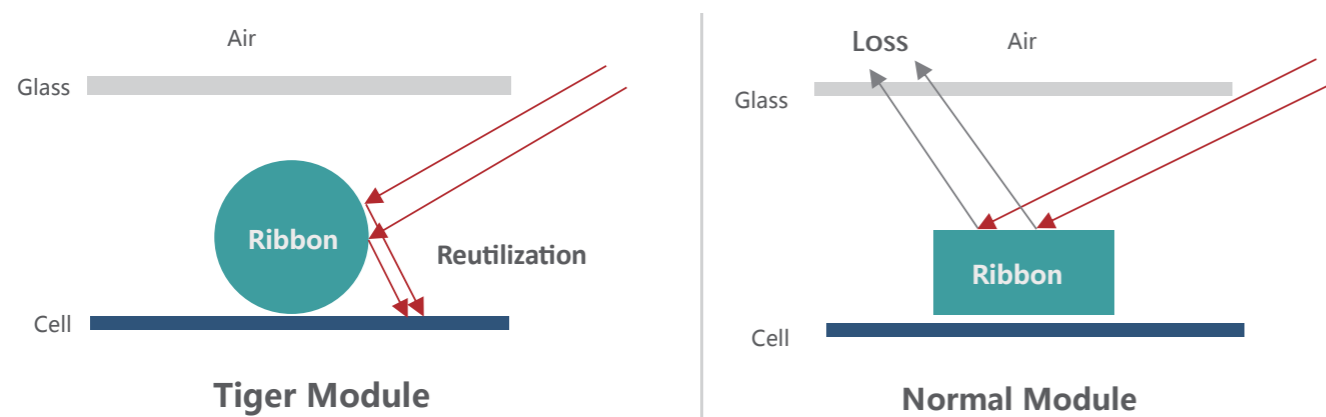




JinkoSolar is always focusing on creating value added for its customers. Tiger series, with the high energy density advantage and lower LCOE benefits, has been developed based on market's and customer's demands.

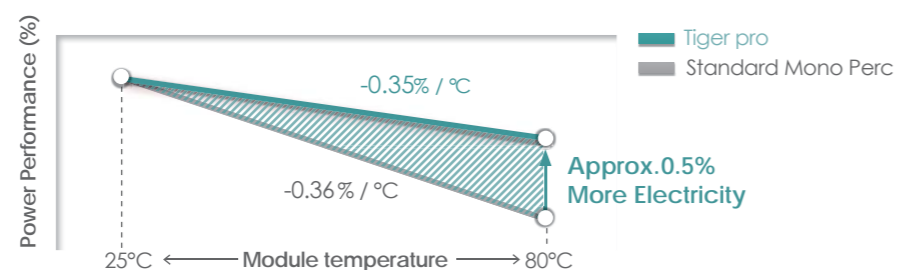
## Circular Ribbon Brings More Energy

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.



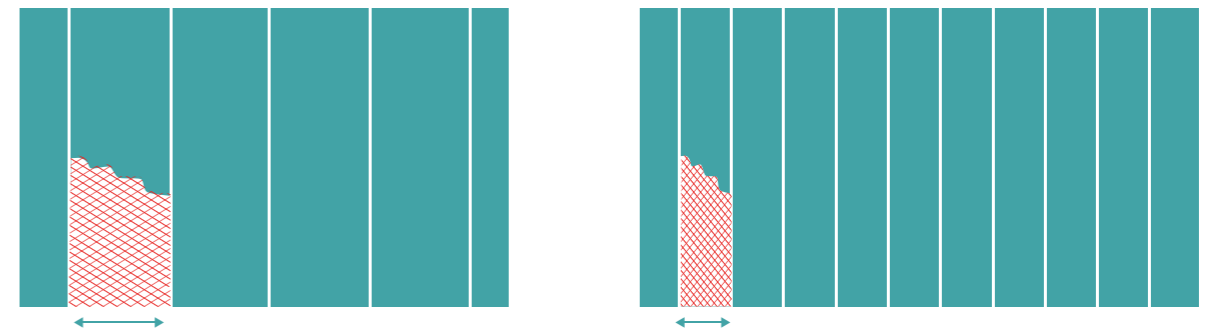
## Improved Temperature Coefficient

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.



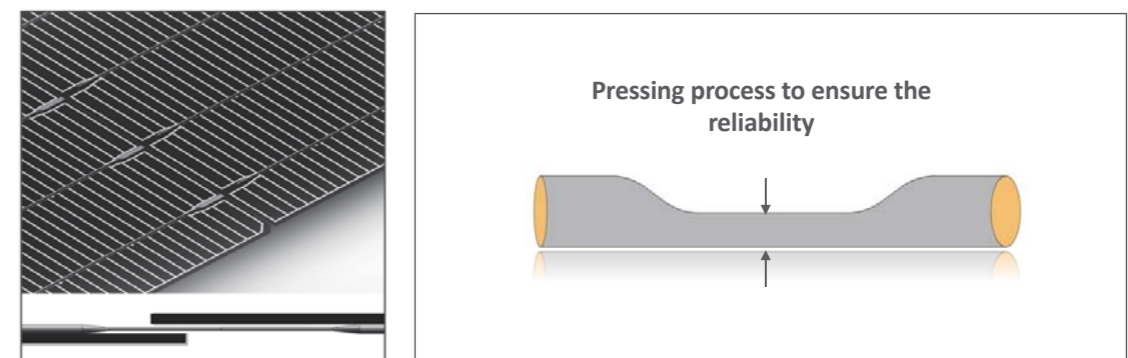
## Lower Microcrack Loss

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

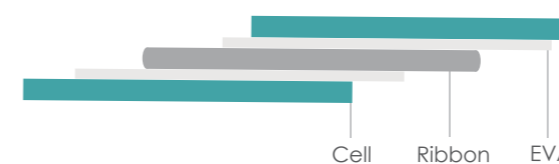


## Tiling Ribbon (TR) Technology

Comparing with 5BB normal ribbon, Jinko circular ribbon has better suppleness, after the pressing process, it performs excellent reliability.



## Structure diagram of overlapping area

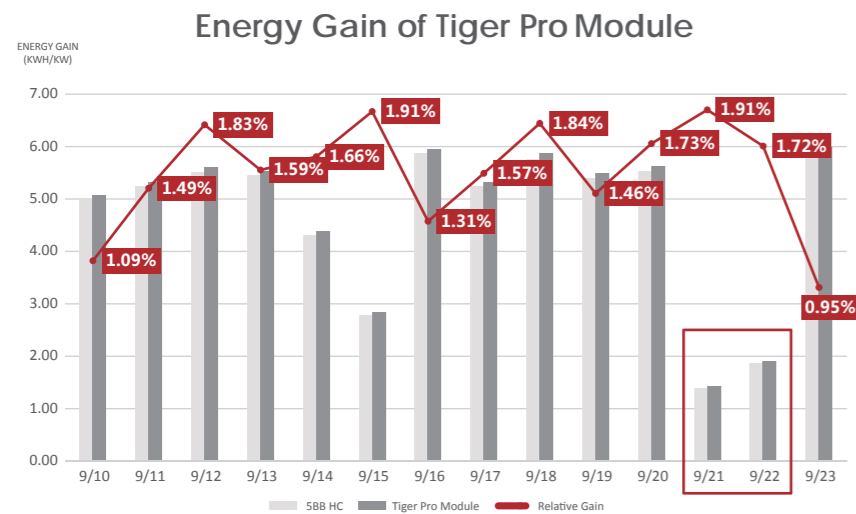


According to the experiment, specially made EVA/POE will fill the overlapping region that gives excellent buffering effect to ensure the reliability.



## More Energy Generation

Comparing with traditional 5BB HC module, due to the secondary reflection of circular ribbon, energy generation can increase by approx. 1.57%.

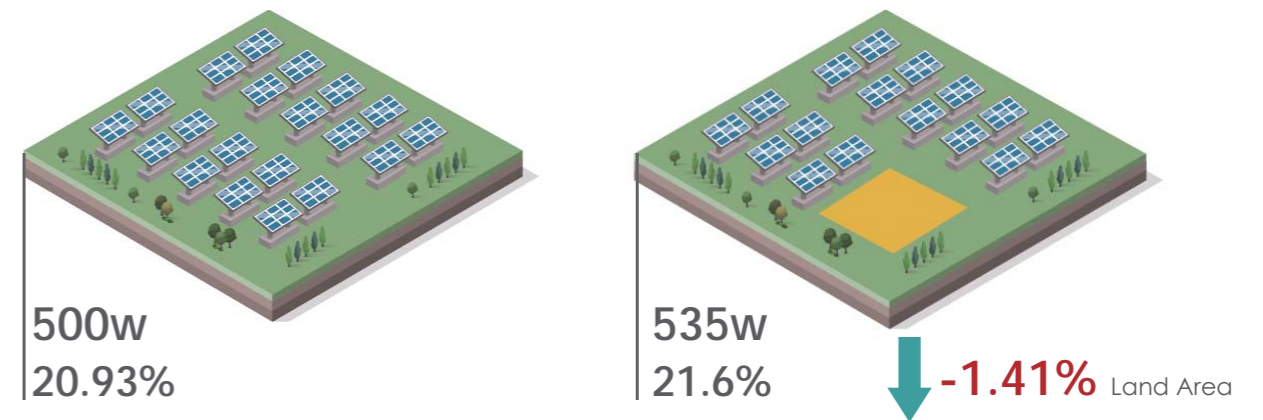


**Location:** Jinko factory, Haining, 30.3° N/ 120.4° E  
**Fixed Tilt angle:** 30 degree, close to the latitude  
**Mounting Height:** distance from lower edge to ground is 1.2m  
**Capacity:** 1.5kW/array  
**Energy Gain:** Comparing with 5BB HC module in same condition

MBB shows excellent energy generation performance especially in low irradiance environment.

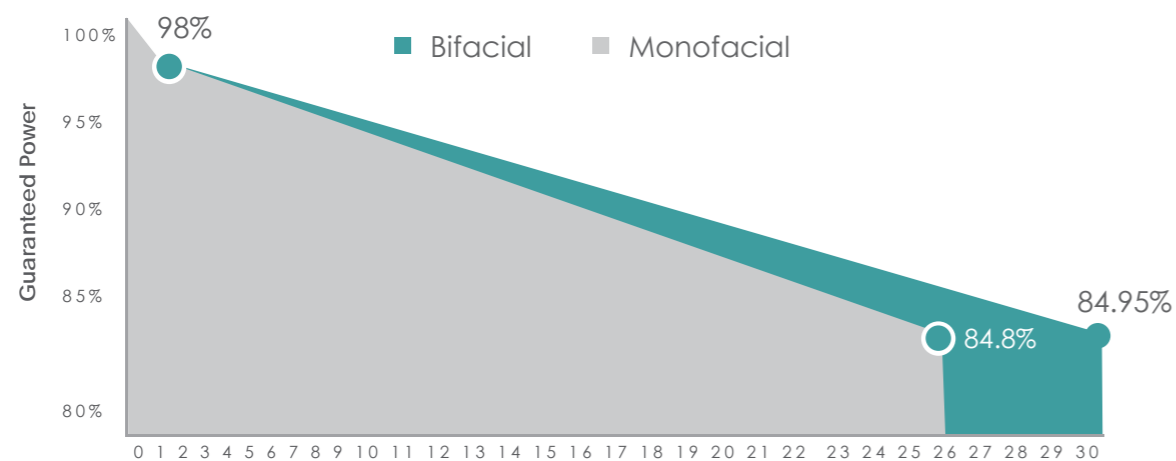
## Lower Land Cost

\*Example: China - 120MW project



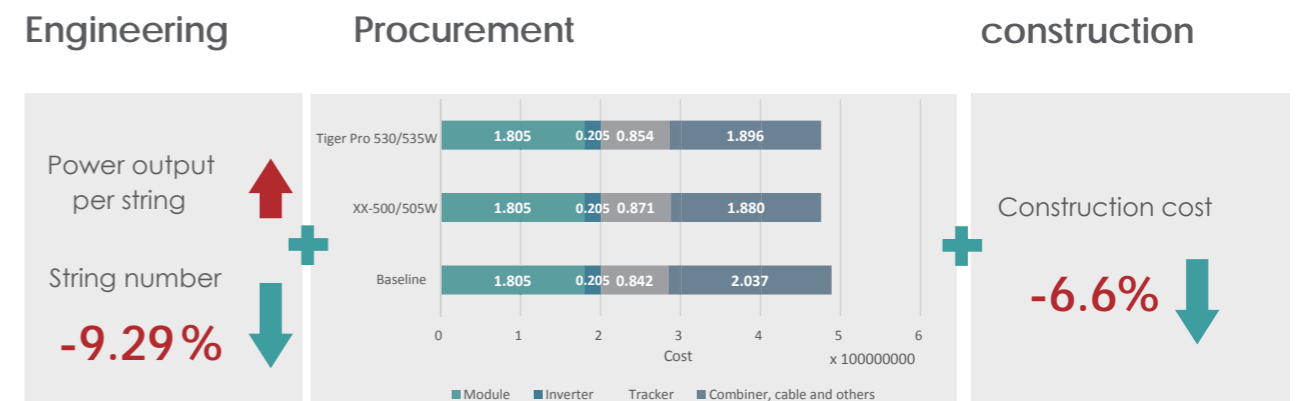
Using tiger pro module can save 1.41% land area comparing with 500w module.

## Advanced Warranty for Tiger Pro Series



Monofacial	Bifacial
• First year degradation ≤ 2%	• First year degradation ≤ 2%
• Annual degradation from 2nd to 25th year ≤ 0.55%	• Annual degradation from 2nd to 30th year ≤ 0.45%

## Lower EPC Cost



Comparing with 530w, using tiger module can save > 1.28% EPC cost.



# High Compatibility

fixed mounting /one-in portrait configuration



two-portrait independent tracking system



Multi-row interconnecting tracking system





# High Compatibility



String Inverters



Centralized Inverters





# Because We Care!

While the Coronavirus pandemic continues to affect our lives and businesses, JinkoSolar is in the front line of this battle. In fact, as stated in a video *recently published by CNN*, JinkoSolar has donated 1,000,000 of face masks to the countries which have been severely hit by Covid-19, including the US, Europe and other countries in South-East Asia. We want to stand by your side in facing this battle, because we care! >>





# CORPORATE NEWS

## JinkoSolar Jumped to the Top in Q1 in India

According to JKM Research and Analysis' latest report on India renewable energy market, in the first quarter of 2020 the newly installed PV capacity in India is about 1.5GW, and it is expected to increase by 1.7/2.0GW during the next two quarters. As an importing brand, for the first time, JinkoSolar has ranked top in terms of delivery with a 16% market share and a 45% share in premium mono sector particularly.

## JinkoSolar Received Top Rating in Tier 1 Solar Panel List by BNEF

JinkoSolar announced that it has received a top rating in the latest Tier 1 PV Module Maker List published by Bloomberg New Energy Finance (BNEF). Every quarter, Bloomberg New Energy Finance evaluates manufacturers on their actual projects over the previous quarter and publish a list of Tier 1 Solar Module (panel) Manufacturers. In addition to the real world performance and customers' feedback on products, the consistency in heavy investments in R&D, after sales service and utility-grade projects is also considered as an indirect measure of the panel products reliability.

This tier rating comes down to bankability. So for the customers, being ranked top of the list means a most trusted brand to invest in.

## JinkoSolar Recognized as a Finalist of the Intersolar Award 2020 for its Tiger N-Type Module

JinkoSolar was recognized as a Finalist of the Intersolar Award 2020 with its Tiger N-type module. The Intersolar Award is presented annually to companies making a substantial contribution to the success of the industry, honoring technological innovations and groundbreaking solutions using photovoltaic-related technologies. Jinko has won this prestigious Award in 2019 with its innovative Swan bifacial module with Transparent Backsheet. Jinko's Tiger N-Type Module has been developed out of the necessity to combine the increasing customer demand for higher power output and higher efficiency modules for both rooftop and ground-mounted installation applications. Tiger series combines 4 advanced technologies: N-type silicon solar cells, 9BB multi-wire, Tiling Ribbon & Half-cell.

BloombergNEF BloombergNEF Tier 1 PV Module Maker List: 1Q 2020 February 19, 2020

Table 1: List of module makers meeting the tier 1 criteria, as of 1Q 2020

Firm/brand	Annual module capacity, MW/year	Firm/brand	Annual module capacity, MW/year
Jinko*	16,500	First Solar*	2,800
Longi*	15,000	REC Group*	1,800
JA Solar*	15,000	Neo Solar Power US*	1,800
Canadian Solar	13,000	HT-SAJE*	1,500
Risen Energy	11,100	AdaniSolar*	1,500
Hanwha Q.Cells*	10,700	Veeco Solar (STUN Solar)*	1,500

All these technologies improve module efficiency which aims to achieve a high-power density module, especially the Tiling Ribbon (TR) technology, which eliminate the cell gap to increase module efficiency significantly. Combining both EPC & energy generation benefits, Tiger N-type can significantly reduce BOS costs on space needed and installation costs bringing higher IRR and lower LCOE for PV projects.

## JinkoSolar Recognized as Top Performer in PVEL/DNV GL 2020 PV Module Reliability Scorecard for the Sixth Consecutive Year

JinkoSolar was ranked as a Top Performer for the sixth consecutive year in the 2020 PV Module Reliability Scorecard[1], published by PV Evolution Labs ("PVEL") in partnership with DNV GL. JinkoSolar is one of only two global manufacturers to have been recognized as a Top Performer every year since 2014.

The PV Module Reliability Scorecard ranks PV manufacturers and modules based on their reliability and performance. The PV Module Reliability Scorecard remains the most comprehensive publicly available comparison of PV module reliability test results across the PV industry. Independent testing was carried out by PV Evolution Labs' Product Qualification Program (PQP) which set higher benchmarks this year when compared with 2019.

Mr. Kangping Chen, Chief Executive Officer of JinkoSolar, commented, "We are proud to be recognized for the sixth consecutive year by PVEL for the reliability and performance of our modules. Being recognized as a Top Performer once again reflects our dedication and commitment to the research and development of high-quality PV products. PVEL set the benchmarks for testing higher this year which was a challenge our R&D teams were able to rise to. I am confident that global demand for our high-quality PV products will only continue to grow as customers increasingly gravitate towards products that offer the highest efficiency, long-term reliability, and best return on their investments. We will continue to devote resources towards driving technological innovation in the solar PV industry and will continue to lead the industry forward by setting new standards."





# WEB

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2020海外光伏项目选型及市场趋势

2020年4月3日14点 直播开始



直播入口

直播介绍

10年光伏行业经验，先后从事电池技术、工艺整合、供应链开发岗位，目前在晶科担任产品经理，负责新产品上市，成熟产品生命周期和供应链整合，对光伏行业，尤其晶硅组件产品，有最深刻的认识和独特的理解。


Webinar powered by JinkoSolar

9 April 2020  
5pm - 6pm GST Dubai

Bifacial Modules with transparent backsheets - performance & reliability



2020 JinkoSolar Webinar for Pakistan and Sri Lanka



Anita Li, General Manager, APAC  
Warren Lee, Head of Business Development, APAC  
Shehan Talagala  
Kien Do Trung

2020 Jinko Webinar for Thailand



Anjita Li, General Manager, APAC  
Warren Lee, Head of Business Development, APAC  
Kien Do Trung, Technical Service Manager, APAC  
Ekarat P., Sales Director, Thailand, Myanmar and Laos

eLum Jinko Solar

Solar PV Hybrid Solutions for Poor Grids and Off-Grids in Africa

Victorien Delangue, Sales Manager South Africa, Elum Energy  
Mohammed Saady, Technical Services Manager MEA, Jinko Solar

Jinko Solar

Analysis of TR Technology and Product Trends in PV Industry - Central Asia

April 17<sup>th</sup> 2020  
11:00 - 12:30 (Nur-Sultan Time)

Speakers



Spyromet Khrzov, JinkoSolar Sales Manager for Central Asia  
Gabriel Gao, JinkoSolar Chief Market Analyst  
Sai Charan Kuppli, JinkoSolar Technical Director for South Asia  
Leo Yu, JinkoSolar Product Manager

aldo SOLAR SOLAR TALKS

APRESENTA



Bruno Kikumoto de Paula, Diretor de Celula Solar  
Ronaldo Kolozruk, Presidente ARESOLAR  
Bárbara Rubim, Vice-presidente GO ARESOLAR  
Alberto Cuter, Gerente Geral do Jinko Solar para América Latina  
Aldo Pereira Teixeira, Presidente ARESOLAR  
Gabriel Francisco, Sócio da ARESOLAR, Jinko Solar, do grupo de energia ARESOLAR

16. April 2020  
15:00 - 16:00 Uhr

Sind n-Typ-Module der nächste

Anika Giller, Director of Business Development EMEA

PARTNEREM WYDARZENIA JEST:

Jinko Solar Building Your Trust in Solar

GENSOL | Jinko Solar

FirstVIEW Intelligent Business

Solar Leaders Online Dialogue: Preparing for a Post Covid 2019 World

Apr 08, 2020 12:30 PM IST (11:30 AM EDT) | 08:00 PM CST (SAR)

Join GENSOL Webinar on "Bifacial - The Choice of Future"

20<sup>th</sup> April



Mr. Sai Charan Kuppli, Technical Director, South Asia

Registration Link: [https://zoom.us/join/register?WT.L\\_Z-7212RvOthLEooQaPA](https://zoom.us/join/register?WT.L_Z-7212RvOthLEooQaPA)

Jinko Solar Building Your Trust in Solar

ESI AFRICA AFRICA'S POWER JOURNAL

Jinko Solar Building Your Trust in Solar

WEBINAR April 30<sup>th</sup> | 3:00 pm IST

Ensuring Investor Confidence: Analyzing emerging trends in PV Technology, Module Quality and Field Performance

REGISTER TODAY!



Priya Sanjay, Managing Director, Mercom India  
Rahul Khatri, Technical Manager, DuPont Photovoltaic Solutions  
Sai Charan Kuppli, Technical Director, Jinko Solar  
George Touloupas, Technology & Quality Director, Clean Energy Associates

FREE WEBINAR: Innovative Approach to Assess Solar Plant Health and the Role of Technology in Protecting Assets

Friday 24th April, 2.00pm - 3.00pm Central European Time

REGISTER HERE



Jacqueline Huynh, Asset Manager, Allianz Global Investors  
Andrea Visro, Head of Technical Service and Product Management Europe, Jinko Solar  
Lucie Garreau-Illies, EMEA Technical Program Manager, DuPont

Webinar powered by Jinko Solar

29 April 2020  
9 AM - 9 AM | GMT, Mexico  
9 AM - 10 AM | EDT, New York  
9 PM - 4 PM | CST, Berlin  
9 PM - 10 PM | CDT, Beijing



Marlan Willuhn, Editor | pv magazine  
Eugene Ray Chelubary, Technical Performance and Advanced Research  
Anish Vora, Jinko Solar R&D  
Celine Gu, PV Info Link  
Eric Kuan, NKT Power

Join SolarQuarter Webinar on Solar Leaders Online Dialogue: "Preparing for a Post Covid 2019 World"

9<sup>th</sup> April 2020 12:30-14:00 Indian time



Mr. Anish Vora, Head of R&D & Senior Director - Sales

Registration Link: <https://meeting.jinko.com/meeting/register?meetingId=104201192>

WEBINAR

8 June 2020 | 4pm CET

Introducing Tiger PRO, the world's first 580 Wp solar panel for utility scale projects

Register Now

Jinko Solar Building Your Trust in Solar

PVTECH

Webinar powered by Jinko Solar

16 de Abril de 2020  
10 AM - 11 AM | Mexico, Peru  
11 AM - 12 PM | Chile, Paraguay  
12 PM - 3 PM | Argentina, Brazil

Casos de éxito de la tecnología bifacial



Emiliano Bellini, Redactor | pv magazine  
Roberto Diaz, Jinko Solar  
Vitor Rodrigues, TÜV Rheinland  
Ricardo Garro, Jinko Solar

# GLOBAL WEBINAR