



TALESUN INTRODUCTION

Sharing Value with the Sun / May 2021



Talesun Concept



Our Vision : To Create a World Famous Brand, to Build a Century Outstanding Talesun

Our Purpose : Customer Oriented, Sincere and Reliable, Striving for Excellence

Our Spirit : Endless Efforts, Scale New Heights, Never Give Up

Our Values : Cherish the Fate, Cooperate Sincerely, Share Benefits

Our Strategy Target : Be a Leading Global Operation and Service Provider of Clean Energy



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About Talesun

Talesun Solar, a wholly owned subsidiary of Zhongli Group, was founded in 2010. Through more than 10 years of innovation and development, it has become one of the global Top 10 photovoltaic manufacturers, Tier 1 module supplier in Bloomberg Ranking, one of China's largest photovoltaic power station developers, and a first-class leading enterprise among China's photovoltaic manufacturers. Our downstream business includes solar photovoltaic project development, design, EPC construction, operation & maintenance and one-stop system integration solutions for customers.

In 2015, the Company innovated and launched "Intelligent Photovoltaic + Sci-tech Agriculture and PV Farms in Poor Villages", thus becoming a leader in global solar power industry. Through constantly improving our conversion efficiencies and the quality of PV cells and modules, and optimizing project solution design, Talesun continues to push the decrease of solar energy cost, and makes contributions to the development of global clean and environment-friendly energy.





About Talesun



To be the world's leading PV module manufacturer and smart energy solutions provider.

4

Global Production Base

20 GW+

Accumulative Shipment

50+

Shipped Countries

TOP10

Production Capacity Globally

TOP 10

Module Shipment Worldwide since 2018

TIER 1

Module Supplier in Bloomberg Ranking

TOP 5

PV + Agriculture Project Provider in China

TOP 10

PV Project Development & EPC Company in China

TOP 50

Global New Energy Enterprise

\$300M

R&D Investment

350+

R&D Team Members

340+

Patents Applied

Core Competitiveness



Global Network

- 50+ countries/regions for product shipment, 45+ branches and offices all over the world
- Talesun provides customers with localized service & support, backed by its global sales network
- Strong after-sales service network with rapid response
- Long-term partnership with China's state-owned enterprises and clean energy suppliers



Solid Financial Strength

- Long-term cooperation with world's major banks and other financial institutions
- Considerable bank credit scale around the globe
- Diversified financial channels including finance lease, merger & acquisition fund



Leading Manufacturing

- Top 10 PV manufacturer and supplier in the world
- China's tier-1 PV manufacturer, one of the largest PV power plant developers in China
- The reliable quality of solar modules ensures continuous power output for 25-30 years



Smart Solar Energy Solutions

- Smart solar solutions covers the full lifecycle of the plant, maximizing the revenue and optimizing the LCOE
- With customized solutions, Talesun provides customers with safe, reliable and cost-effective green energy

Milestones

Pioneer / Innovator

2009

- Zhongli Group listed on stock exchange

2010

- Talesun Solar established

2011 & 2012

- Project development & EPC activities
- China TOP 10 Solar EPC Enterprise
- Completed 100 MW PV power plant

2015

- Thailand factory in operation
- China TOP10 Solar Cell / Module Enterprise

2016 & 2017

- Tier 1 PV module supplier by BNEF
- China TOP 50 Most Innovative Solar Enterprise
- 3rd ranking in TOP 20 China PV Power Plant Investment Enterprise

2018

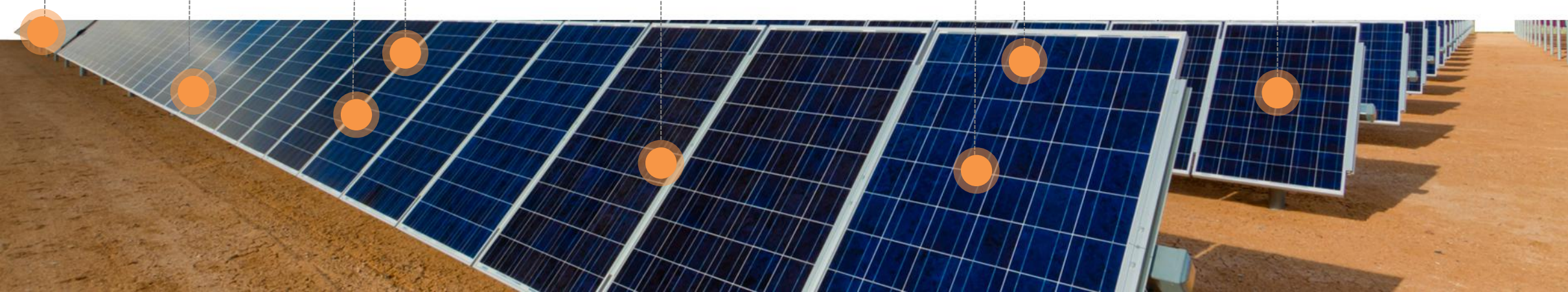
- Cooperate with Argentina Government on 315 MW ONE BELT ONE ROAD project
- TOP 10 shipment module supplier by PVTECH and PVInfoLink

2019

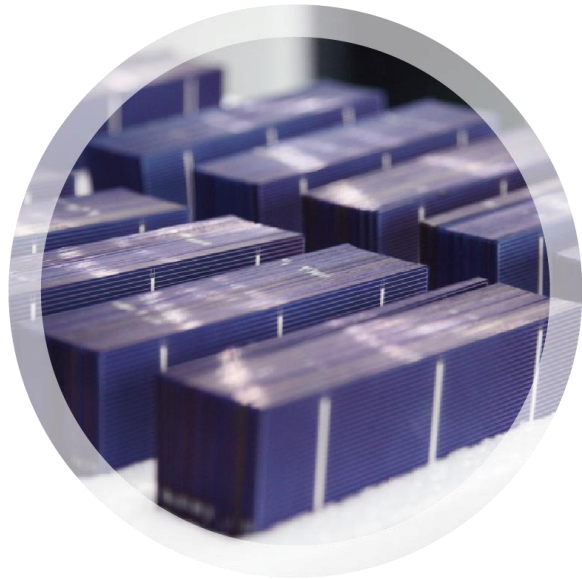
- TOP 10 shipment module supplier by PVInfoLink
- Provide modules to the largest PV project in western Europe

2020 & 2021

- Establishing new 10 GW production capacity for high-efficiency PV modules



Products & Solutions



Solar Module

As global leading PV module manufacturer, Talesun offers solar products with world-class quality and performance



Diversified solutions

Talesun is dedicated to provide global customers with one-stop customized and smart solar energy solutions



Solar Storage

Talesun offers high-efficiency, reliable and customized solar storage solutions

Vertically & Horizontally Integrated Capabilities

Talesun's solar panel production capacity is vertically integrated in a creatively flexible way. From materials to cells and solar modules, Talesun has GW-capacity production facilities throughout global. Talesun dynamically stabilize our supply chain to mitigate risk and add value. Talesun supplies a wide variety of PV modules ideally suited for all types of installations: residential, commercial, industrial and utility. Since 2010, more than 20 GW+ modules have been installed in thousands of residential, commercial, and utility-scale solar applications worldwide.

Talesun smart energy solutions provide horizontally integrated one-stop solution services throughout entire lifecycle of a solar power plant, from project development, project financing and investment, project design and engineering, procurement and construction management, to project operation and maintenance services. Backed by a decade of knowledge and experience in solar module production, expertise and skills in EPC, Talesun smart energy solutions propose services enabling worldwide solar projects to be realized, and innovations throughout the entire project lifecycle optimizing each project's LCOE.



Global Network



Global Network Local Service

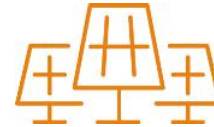
With 45+ overseas offices, TALESUN always brings local service to our customers no matter where they are.

More Efficiency, Higher Capacity

Talesun Production Flexible Module Production Capacity



12GW Cell



13GW Module



The World-leading PV Module Manufacturer



Product Portfolio



Comprehensive Product Portfolio

Talesun offers a wide variety solar modules, enabling it to meet the diversified requirements of all categories of solar installations: residential, commercial and utility.

As a leading solar module supplier, Talesun has been developing state-of-the-art technologies and launched innovative solar products into the global PV market.



Diversified Solar Modules

A Rich Product Portfolio to Meet the Diversified Needs of Customers



BISTAR
Module

Product Type

MBB 120 / 132 / 144 / 156 Cells
M6 / M10 / G12

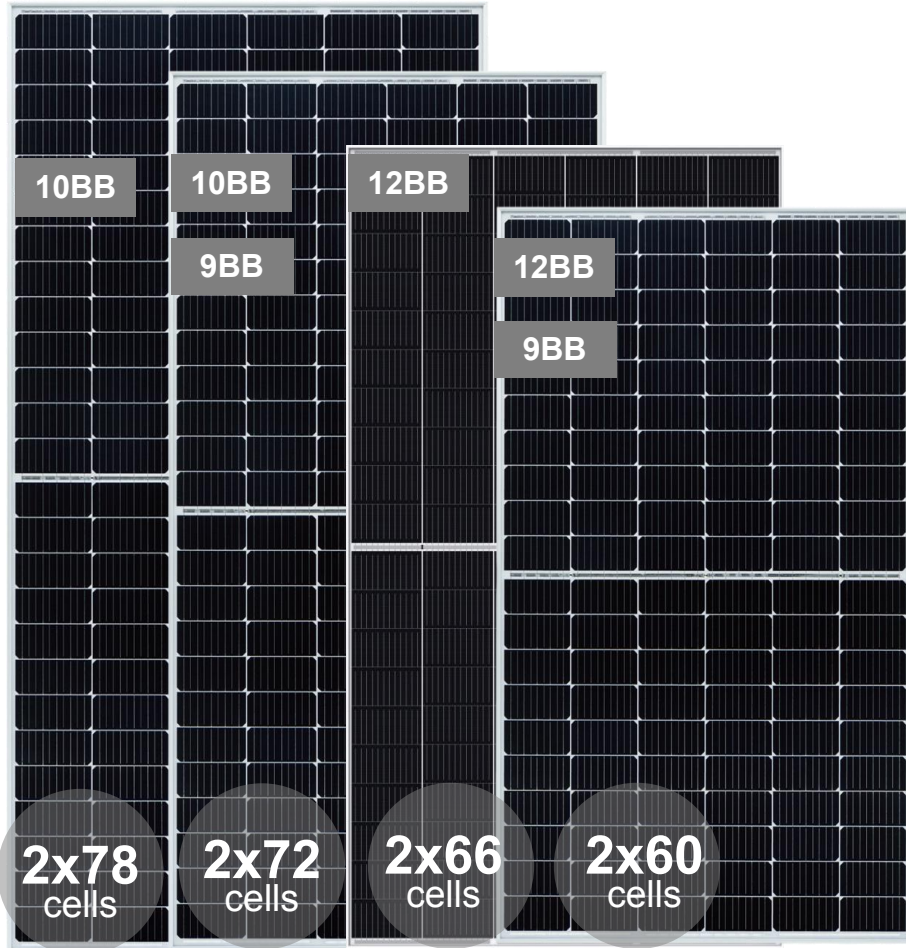


BIPRO
Module

Product Type

MBB 120 / 132 / 144 / 156 Cells
M6 / M10 / G12

BIPRO Series



Product Model

320W-665W

BIPRO TD8G66M 12BB / BIPRO TD8G60M 12BB
 BIPRO TD7G78M 10BB / BIPRO TD7G72M 10BB
 BIPRO TP6G72M & TP6G72M(H) 9BB
 BIPRO TP6G60M & TP6G60M(H) 9BB
 BIPRO TD6G72M 9BB / BIPRO TD6G60M 9BB
 BIPRO TD6I72M 9BB / BIPRO TD6I60M 9BB



12BB / 10BB / 9BB
 half-cut cell technology



Excellent Anti-PID
 performance



IP68 junction box



Industry leading high yield

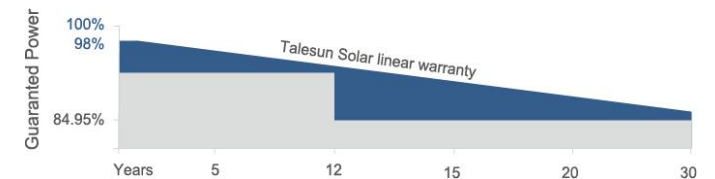


Wider application

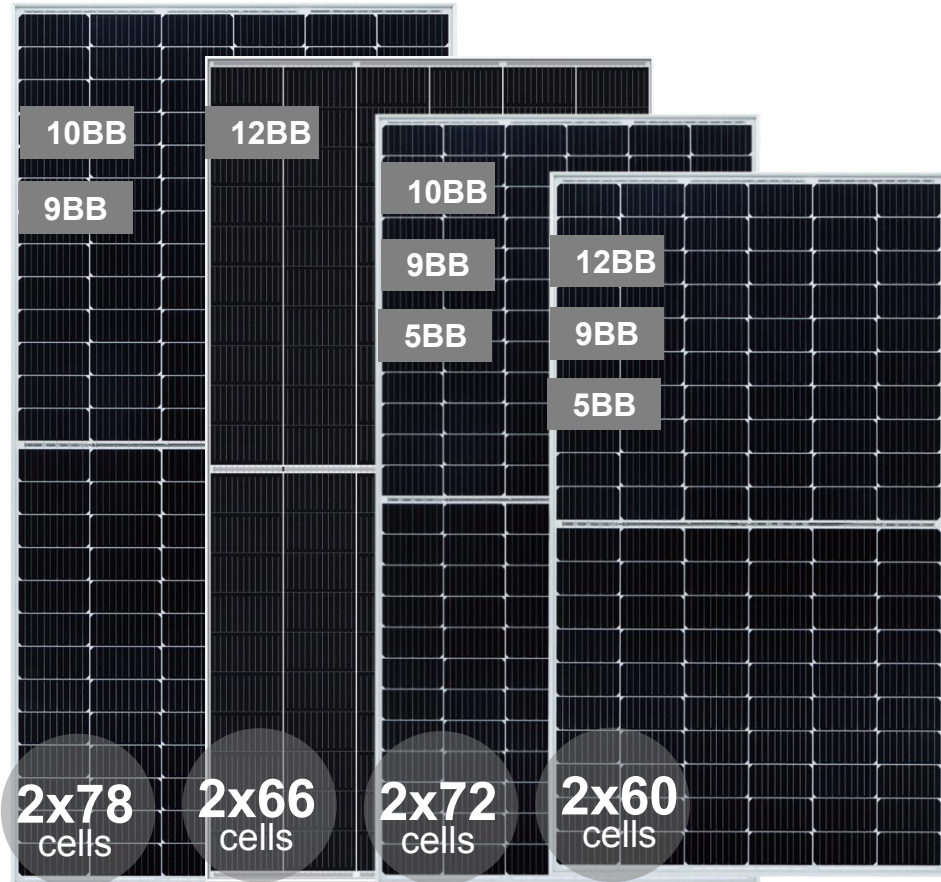
12 years
 Quality assurance

30 years
 Power output guarantee

Linear Performance Warranty
 Standard Performance Warranty



BISTAR Series



Product Model

280W-665W

BISTAR TP8F66M & TP8F66M(H) 12BB / BISTAR TP8F60M & TP8F60M(H) 12BB
 BISTAR TP7F78M & TP7F78M(H) 10BB / BISTAR TP7F72M & TP7F72M(H) 10BB
 BISTAR TP6H72M & TP6H72M(H)_full black / BISTAR TP6H72M & TP6H72M(H) black frame
 BISTAR TP6H72M & TP6H72M(H)
 BISTAR TP6H60M & TP6H60M(H) full black / BISTAR TP6H60M & TP6H60M(H) black frame
 BISTAR TP6H60M & TP6H60M(H) / BISTAR TP6F78M & TP6F78M(H) 9BB
 BISTAR TP6F72M & TP6F72M(H) 9BB / BISTAR TP6F60M & TP6F60M(H) 9BB
 BISTAR TP6L72M & TP6L72M(H) 9BB / BISTAR TP6L60M & TP6L60M(H) 9BB



12BB / 10BB / 9BB
 half-cut cell technology



Excellent Anti-PID
 performance



IP68 junction box



Significantly lower the
 risk of hot spot

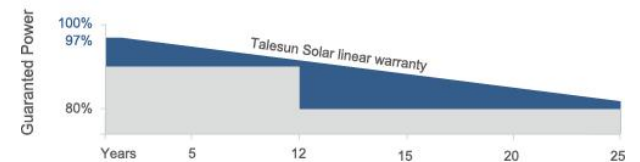


Lower LCOE

12 years
 Quality assurance

25 years
 Power output guarantee

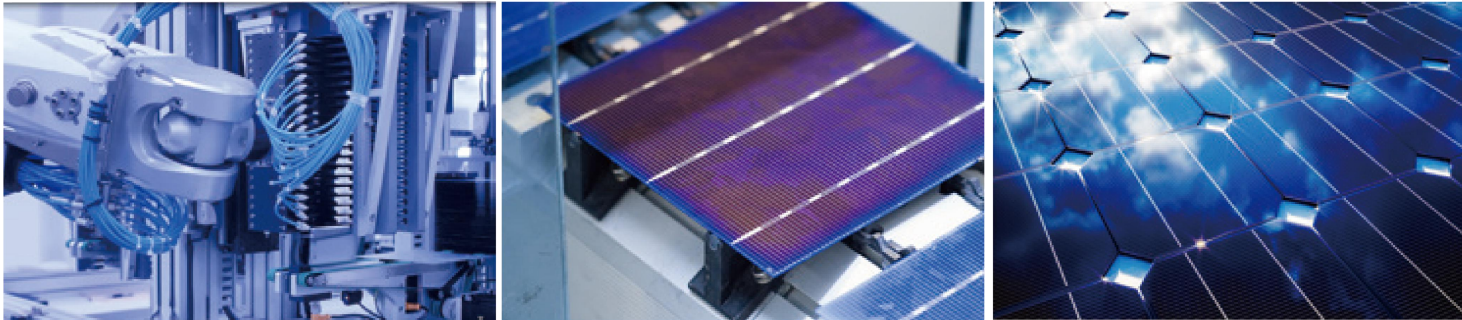
Linear Performance Warranty
 Standard Performance Warranty



PV Manufacturing Capabilities

Talesun applies world-class technology and high-reliability procedures in production operations. We consistently improve employee skills and quality control to ensure the highest-quality workmanship.

We utilize fully automatic equipment from leading suppliers to maximize reliability and control the entire manufacturing process via an advanced management and control process to ensure product stability and sustainability. Talesun vertically integrated production process is proven to systematically optimize costs and provide maximized value for customers.



Talesun R&D facilities and constant technological innovation guarantee every Talesun product's remarkable advantages and ensure that Talesun products always stand out from the rest of the competition.



Product Manufacturing Competitiveness

Unprecedented Quality Standards and Assurance



Vertical integration enables cost-saving and reliability

With certificates of ISO 9001, ISO 14001 and OHSAS 18001, Talesun applies strict quality control measures in all stages of the manufacturing process.



Affiliated top quality manufacturing

Talesun strict quality control ensures compliance with ISO and internationally recognized quality standards such as TÜV NORD, TÜV Rheinland, etc.



Failure Modes and Effects Analysis (FMEA)

Talesun use the FMEA process to make improvements and improve reaction speed. Every process in product manufacturing is well monitored and recorded, and every potential risk is technically mitigated by preventive analysis and measures implemented. We strive to provide a perfect product to customers with a low failure rate.



Highly automated

Talesun employ a highly automated manufacturing process supported by the most technologically advanced equipment that mitigates environmental effects and ensures the highest-quality products.



Constant innovations

Talesun strives to implement continuous innovation in technology, products, and service based on customer needs. These innovative practices have provided customers with better products and energy solutions that enable better returns on investment.

Cutting-edge R&D Constant Innovation

Talesun has been closely cooperating with accredited testing organizations and authoritative institutions in the industry. Currently, the R&D Center has established close cooperation relationship with global well-known research institutes and institutions of higher learning, including Chinese Academy of Sciences (CAS), Shanghai Jiao Tong University, Sichuan University, Energy Research Center of the Netherlands (ECN), SERIES, Southeast University, Nanjing University of Aeronautics and Astronautics.



Experienced International R&D Team

- The international R&D team
- Outstanding teams of experienced experts
- Close cooperation with industry institutes and research organizations



Enough Annual Revenue Invested in R&D

- R&D fund for new technology / product development
- Different R&D theme for every project
- Generous incentives for notable R&D achievements



Patents, Creative Products, Innovative Technologies

- More than 340 patents and proprietary technologies developed
- 350+ R&D experts have published hundreds of solar papers in professional publications

Proven Global Leading Energy Solutions Provider

Talesun is dedicated to providing energy solutions to customers worldwide. With its approach to maximizing energy output and reducing the levelized cost of electricity (LCOE) by integrating all of our technology roadmaps and activities throughout whole lifecycle of the power plant, Talesun has been delivering leading reliable, dependable, and cost-effective solar power plants to partners around the world.

For project developers, commercial and industrial users, utilities, independent power producers, worldwide energy off takers and investors, we confidently believe that Talesun energy solutions are your smart choice.



Project Development



Engineering Design



Project Supply Chain



Engineering Construction



Operation and Maintenance



Reliable Project Development

An Experienced Partner Knows What You Need

With comprehensive know-how and rich experience, Talesun has developed a reasonable development process to ensure that every PV project is commenced and completed as scheduled.

Reliable Track Record

- 7.5 GW PV project development experience
- Global sales and project development network

Flexible and Professional Project Development

- Localized profession project development team in Europe and Southeast region
- High-efficiency management based on substantial experience in project development
- Flexible development models including project planning, independent development and cooperative development

High-quality Project Pipeline

- Close partnership with leading developers around the world
- High-quality project development team and rich project pipeline



Excellent Project Engineering Design Capabilities

Excellent Engineering Design Capabilities

Rigorous Standards and Tailor-made Services

- High standards are implemented throughout the project engineering design to ensure project quality
- Project layout design is based on actual solar radiation, weather and site conditions, and other factors
- Tailor-made solar energy solutions based on the project characteristics
- The most optimized engineering design based on demands of customers



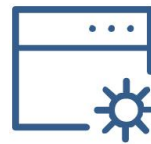
Experienced
Engineering Team



Rich
Solution Package



Professional
Industrial Standards



Leading
System Design

Professional Engineering Design and High-efficiency Team

- Talesun adopts industry-leading PV project design tools
- Talesun provides customers with best solar energy solutions based on data from professional platforms
- Respond quickly and make adjustments timely through teamwork

Global Supply Chain System

Perfect Supply Chain System

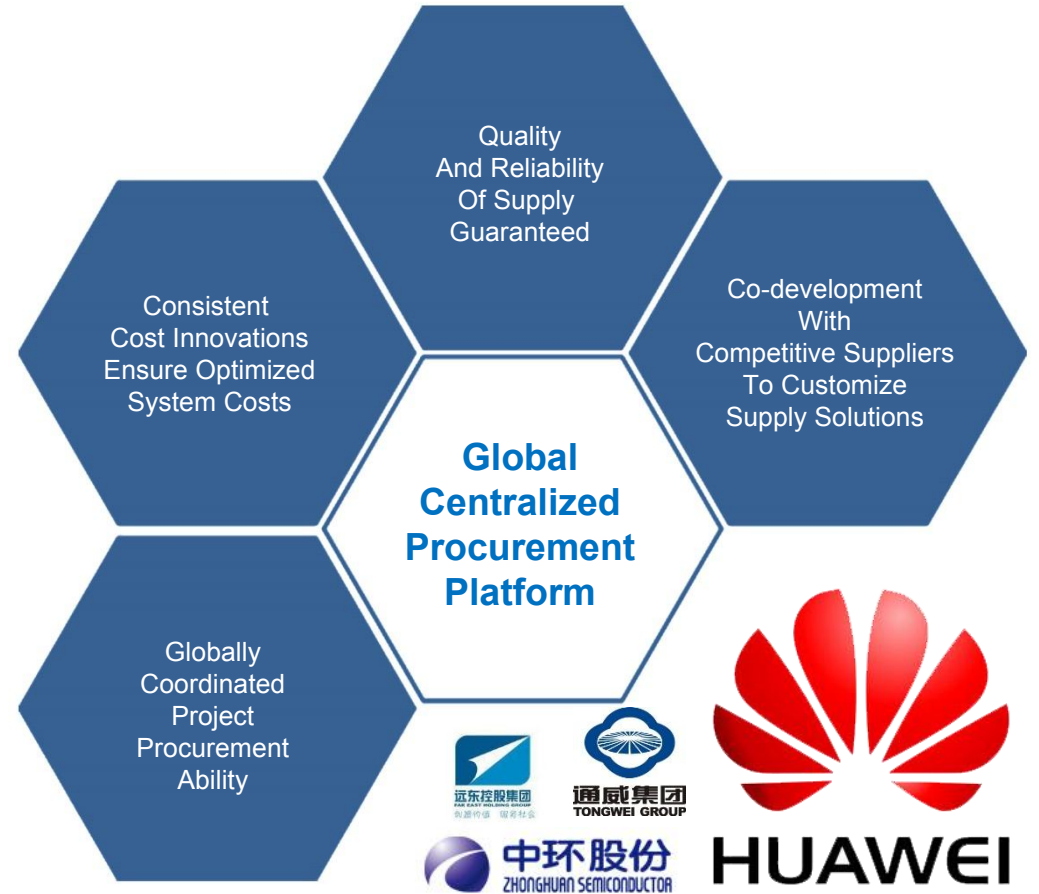
Talesun has a strict supplier management system and a complete qualified supplier base. Under the premise of ensuring the quality of PV plants, Talesun has long-term strategic partnerships with domestic first-tier suppliers such as Huawei, ZHONGHUAN, TONGWEI, Far East Etc., with good quality assurance and reliable after-sales services. Talesun conducts a comprehensive assessment of qualified supplier quarterly, forming a healthy cooperation with the supplier and win together while reducing costs and increasing efficiency, constantly introducing new materials to help company win opportunities in fierce market competition.

Global Procurement System

- Centralized procurement, unified management
- Talesun has established partnerships with well-known equipment suppliers to ensure supply stability and cost optimization

Complementary of Advantages

- In collaboration with supplier partners, Talesun keeps optimizing performance ratio of PV projects
- Talesun works with its key suppliers to jointly develop innovative products and solutions



High-efficiency Construction Management

Rich Experience of PV Project Construction

Talesun has an experienced construction management team with EPC qualification for power engineering. By improving project construction management process, Talesun has been building PV projects efficiently, and optimizing construction costs and LCOE.



Strict Execution Plan & Management

- With efficient team management, every Talesun's PV project is completed on time
- Accelerate installation and reduce labor costs by improving the construction process
- Maximize power output across the whole lifecycle of PV projects

Professional and experienced Team

- Rich PV project construction management experience, and know-how of PV industry
- World-class PV project construction capabilities and top-level project operation management team

Energy Internet System

O&M is one of the key factors affecting the expected revenue of solar power station. Talesun has been maximizing the investment returns of customers and investors through continuous O&M optimization.



GW-level Power Station
Data Monitoring and
Management System



Comprehensive Evaluation
System Supporting
Massive Data Analysis



Full Database System
Designed for Key
Equipment Performance
Parameters



Optimized Distributed
Architecture System



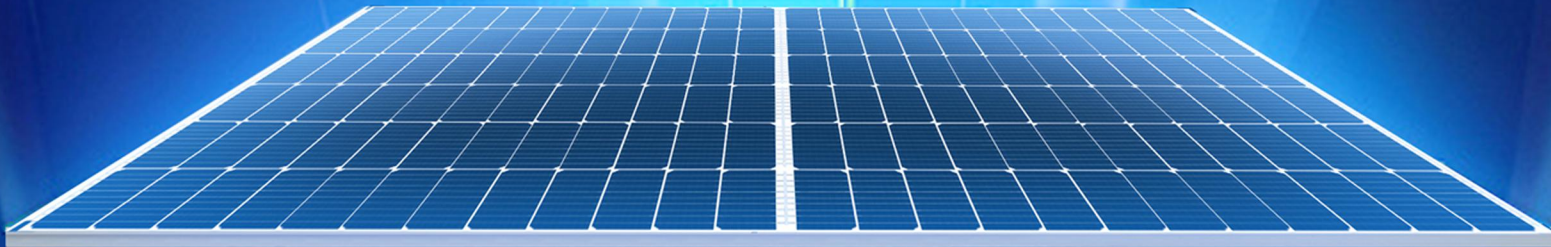
The Most Reliable
Efficiency Sorting and
Optimization System



TALESUN

Global Leading PV Module Manufacturer

Hands with Talesun, to Share Value with the Sun





20GW+ Solar Power Plants Completed

CO₂

Reducing emissions of CO₂ per year
20,000,000 tons



Providing electricity to residents per year
213,483



Generating clean energy per year
1,900,000,000 kWh



Equivalent to planting trees per year
10,000,000

One of the Largest PV Utility
in South America

315 MW

Cauchari, Argentina

One of the Largest PV Utility
in Western Europe

99.5 MW

Limburg, Belgium



97 MW

California, USA



65 MW

Juarez, Mexico



3.8 MW

Thai-China Industrial Park, Thailand



一百兆瓦大型光

一百兆瓦大型光

100 MW

Jiayuguan, Gansu, China



中利腾晖



招商新能源 光伏



100 MW

Ningxia, China



9.8 MW

Changshu, China



70 MW

Sa Kaeo, Thailand



20 MW

Berlin, Germany



24 MW

Calabria, Italy



30 MW

Thiruvannamalai Tamilnadu, India



12 MW

Essex , UK



3.5 MW

Yamaga, Japan




2.2 MW

Nordhorn, Germany



7.2 MW

Bonvillars, Switzerland

A high-angle, top-down photograph of five children of diverse backgrounds holding hands in a circle on a lush green lawn. The children are dressed in casual summer clothing. The image is tilted slightly clockwise. The text is overlaid on the center of the image.

Advanced Solar Module Manufacturer
Global Leading Energy Solutions Provider



Thanks !

