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旭凡新能源(浙江)股份有限公司
Shinefar New Energy (Zhejiang) CO.,LTD



Sunshine porter,
solar module manufacturer

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Company Profile



Shinefar New Energy (Zhejiang) Co., Ltd. is a Sino-foreign joint venture jointly invested and established by the national high-tech enterprise Hangzhou Shinefar Photovoltaic Power Technology Co., Ltd. and SHINEFAR UK CO., LTD. (UK), specializing in the manufacture of photovoltaic devices and modules, and provide technical advisory services and promotion in the photovoltaic field as well as investment, development and operation of photovoltaic power stations. At present, the products are exported to Germany, France, the United Kingdom, Brazil, Morocco and Southeast Asia and other countries, an overseas completed sales network has been established.

So far, the shinefar group has established a number of companies due to the needs of strategic development:

- Shinefar UK CO., LTD
- Shinefar New Energy (Zhejiang) CO., LTD
- Zhejiang Shinefar Solar Power CO., LTD
- Hangzhou Shinefar Photovoltaic Power Technology CO., LTD
- Hangzhou Shinefar Solar CO., LTD
- Huzhou Changneng Photovoltaic Technology CO., LTD
- Mianyang Wanxing Hengfa Construction Engineering Co., Ltd. Changxing Branch.

The manufacturing base of the shinefar group is located in Zheneng Intelligent Industrial Park, Huzhou, Zhejiang, covering an area of 35,000 square meters. The annual modules Capacity is 3GW. It can manufacture full-cell modules, half-cell modules and double-sided double-glass TOPCON modules.

In the field of photovoltaic projects, shinefar has technical personnel with third-level qualifications for general contracting of construction and hydropower projects and rich construction experience, and is familiar with the procedures and requirements of grid companies for distributed photovoltaic grid-connected power generation projects. Provide "one-stop" services for distributed photovoltaic grid-connected and off grid power generation projects.

The international marketing center is located in Hangzhou city, Zhejiang province, 5 minutes away from Xiaoshan International Airport. The product business involves solar modules, photovoltaic systems and other supporting products. It also designs integrated off-grid, on-grid and solar water pumps photovoltaic projects for foreign customers.

The group owns national high-tech enterprises, 5 invention patents, and 29 practical patents. The products have passed TUV, IEC, CE, ROHS, INMETRO and other international authoritative certifications, as well as domestic industry authoritative certifications such as CGC, ISO9001, ISO14001, and ISO18001.

In the future, the shinefar will adhere to the tenet of "professionalization, marketization, internationalization, and scale", commit to providing first-class high-clean energy in the field of emerging energy, and actively promote the development and application of domestic clean energy and renewable energy. Contribute to the acceleration of the development of low-carbon economy in our country.

Development Course

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Since 2006,
never stop exploring



Cover
35,000 M²

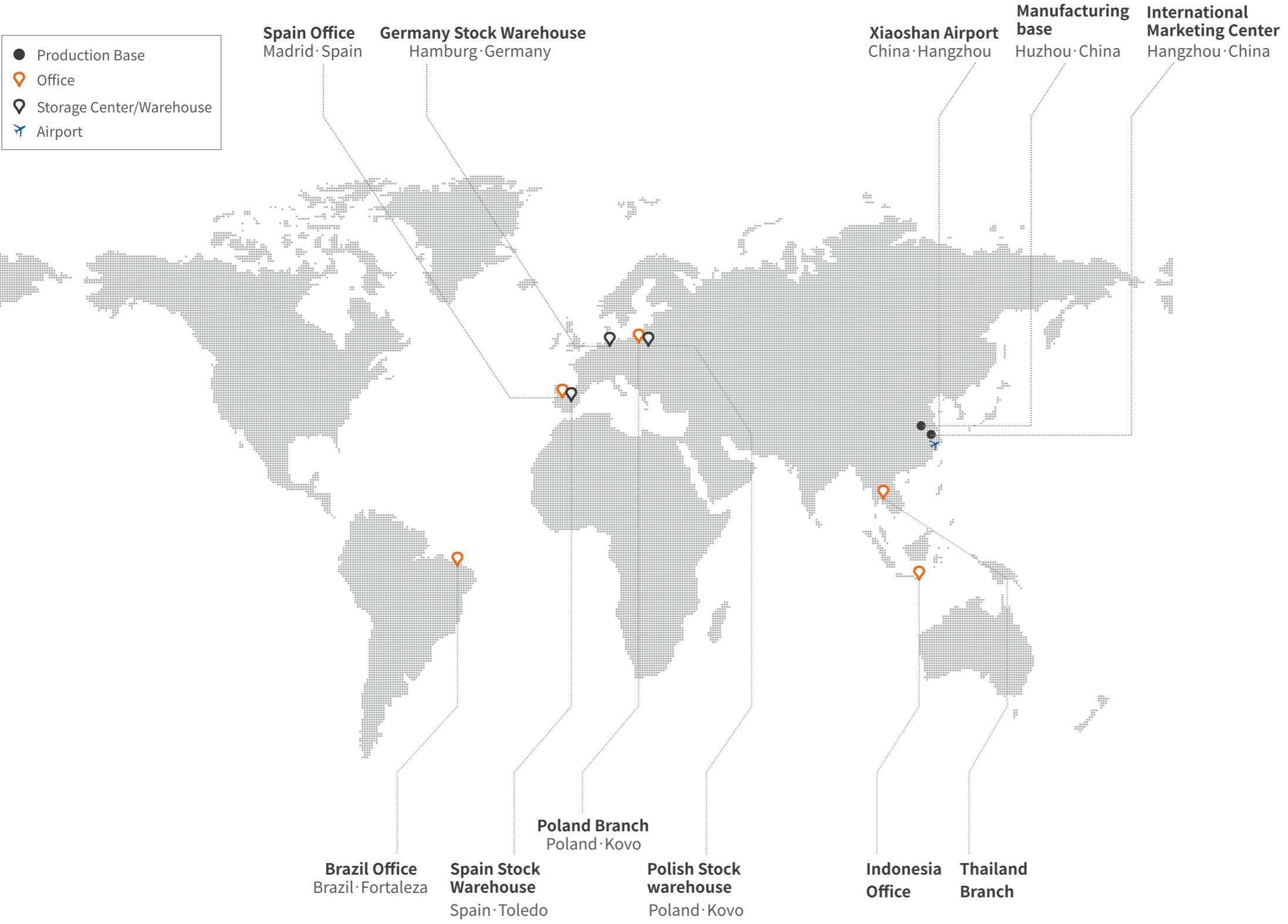
Capacity
3 GW/Year

Cumulative Shipments
5 mill. modules

CO₂ Emission
339 MT/Year

Global customers
5000+

Global Layout



100+ Number of exporting countries worldwide

5+ Overseas Offices

500+ Number of MW projects worldwide

5+ Overseas Warehouse

Development Course



2 copyright certificates



29 patent certificates

Promote Intelligent energy and create green life



Product Certification

Certified by TUV, PID, IEC61716, IEC 61701, CE, ROHS, INMETRO, CGC, ISO9001, ISO14001, ISO18001 etc domestic & international

Qualification

Construction Engineering General Contractor Qualification

Qualification

Hydropower Engineering Construction General Contracting Qualification



Energia (Elétrica)		MÓDULO FOTOVOLTAICO	
Fabricante	Hangzhou Shinefar Solar Power Co., Ltd.	Marca	SHINEFAR SOLAR
Modelo	SF-M18/144555		
Mais Eficiente		A	
Menos Eficiente		E	
EFICIÊNCIA ENERGÉTICA (%)	21,48% (214,8 Wp/m ²)		
Área Externa do Módulo (m ²)	2,58		
Produção Média Mensal de Energia (kWh/m ²)	69,39		
Potência nas Condições Padrão (W)	555		
Requisitor de Avaliação de Conformidade para Sistemas e Equipamentos para Energia Fotovoltaica		INMETRO	
Manual de operação		INMETRO	
IMPORTANTE: A REMOÇÃO DESTA ETIQUETA ANTES DA VENDA, ÉTÁ EM DESACORDO COM O CÓDIGO DE DEFESA DO CONSUMIDOR			



Global Exhibition

Shinefar PV, Empowering the World
Exhibitions in Europe, South America, Southeast Asia, etc.



2023

BUILDING YOUR TRUST IN SOLAR

High Level of Automation

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

Optimized Processes

Effective production processes with ongoing optimization.

05

Intelligent Production

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

02

State-of-the-Art Equipment

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

Qualified Staff

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

» Automated Production

2023

BUILDING YOUR TRUST IN SOLAR

01

Intensive Quality Tests

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

03

Intelligent Quality Monitoring

Computer-based quality control closely monitors all equipment and processes for deviations from programmed parameters.

05

Digitalization of Quality Control

All quality control related data are collected, connected, and stored in Shinefar Solar intranet to enable analysis and traceability.

02

Comprehensive Quality Control


Shinefar Solar's quality infrastructure spreads across the entire value chain. All sub-steps are subject to constant monitoring.

04

Certified Quality Processes

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


» Testing



Business Coverage

Module

Monocrystalline double-sided double-glass modules, and Monocrystalline single-glass modules.



Energy storage system

All in one Solar energy system



Hybrid storage system

Residential Energy Solutions



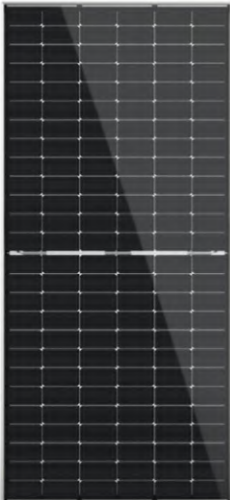
Photovoltaic powerplants

Large-scale power plant development and construction

Solar Module

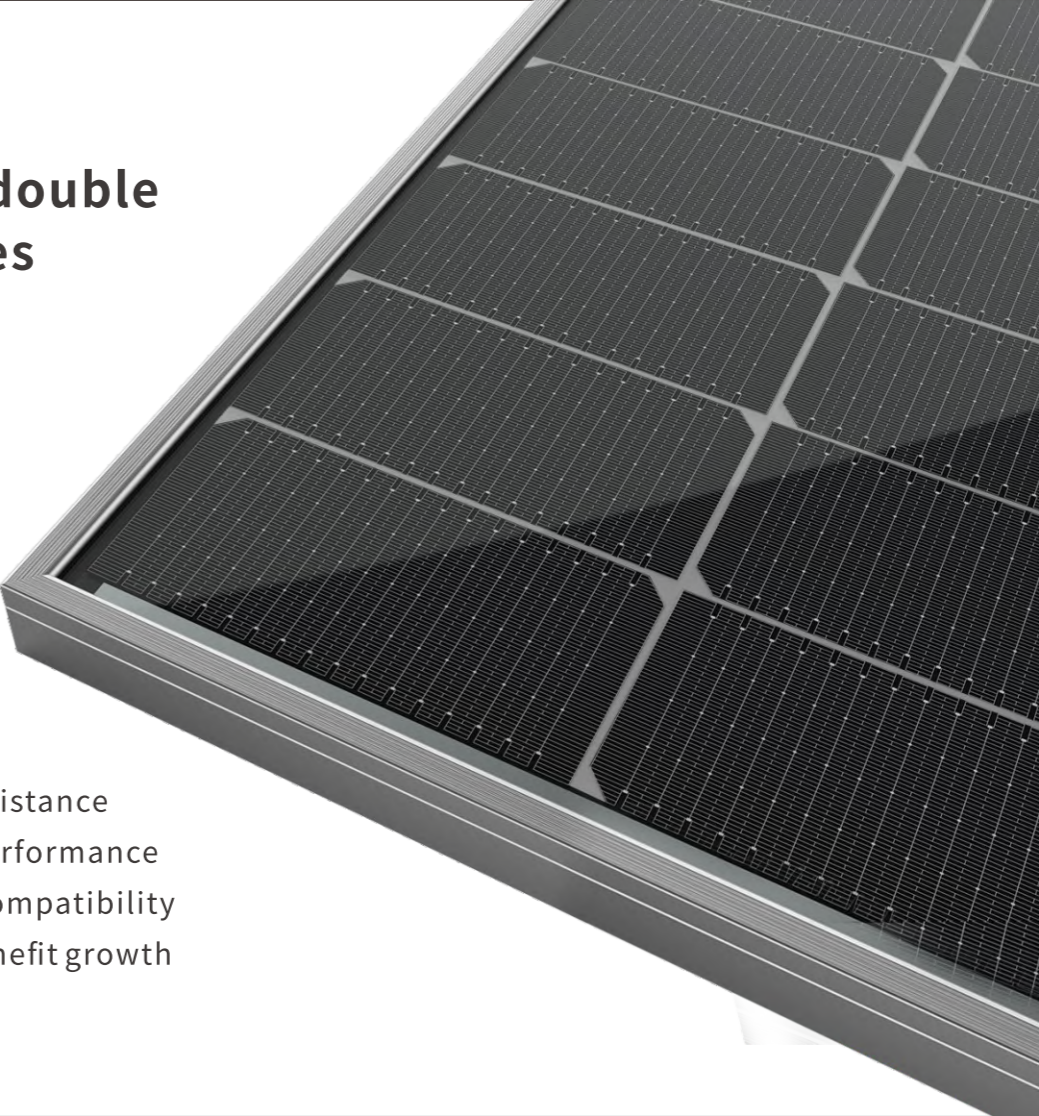
N-Type Topcon High efficiency modules

- 01 Ultra-high Power Generation/Ultra-high Efficiency
- 02 Higher Bifacial Gains
- 03 Enhanced Reliability
- 04 Lower LID / LEIID
- 05 High Compatibility

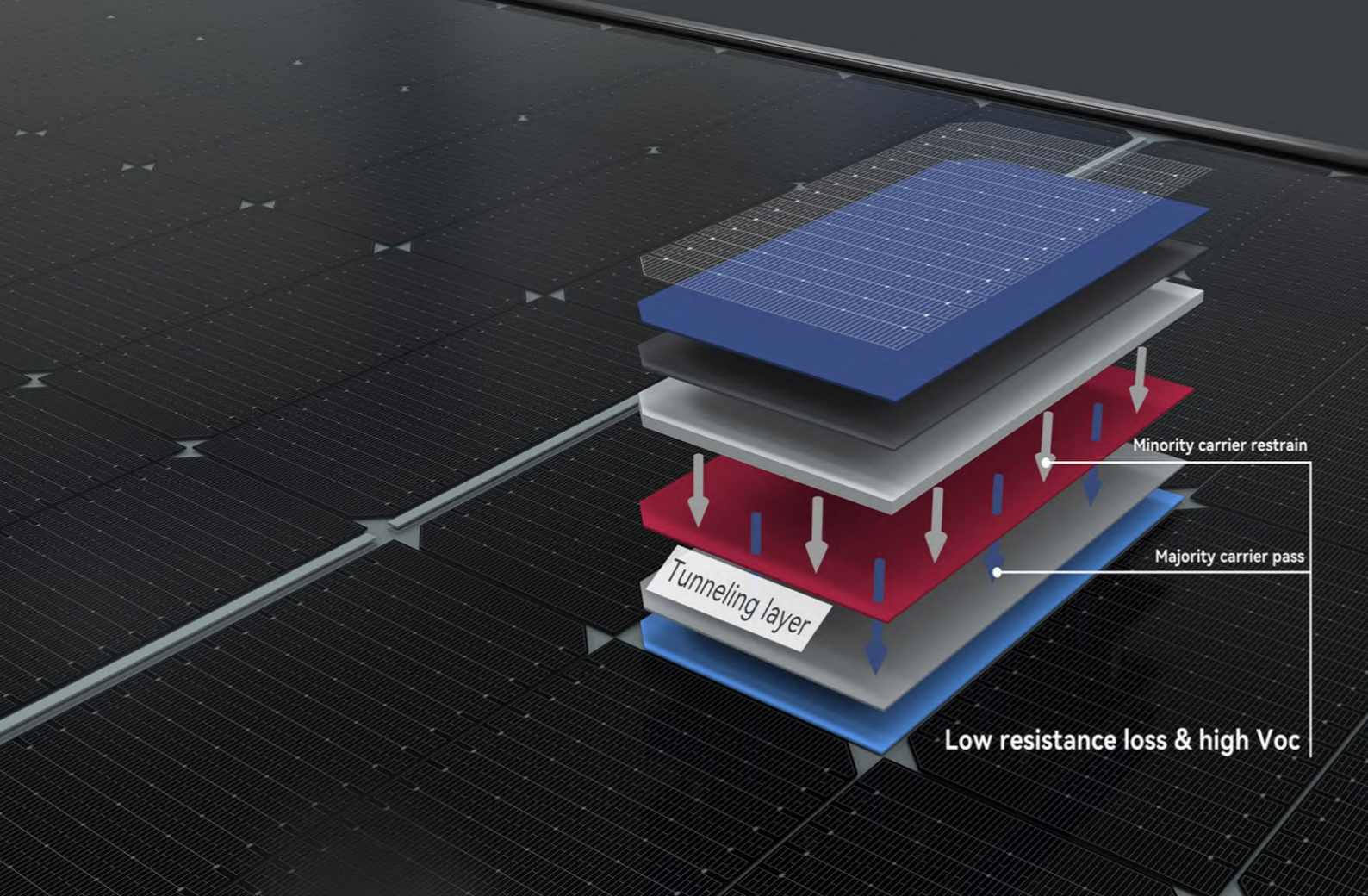


- 06 Optimized Temperature Coefficient
- 07 Lower Operating Temperature
- 08 Optimized Degradation
- 09 Outstanding Low Light Performance
- 10 Exceptional PID Resistance

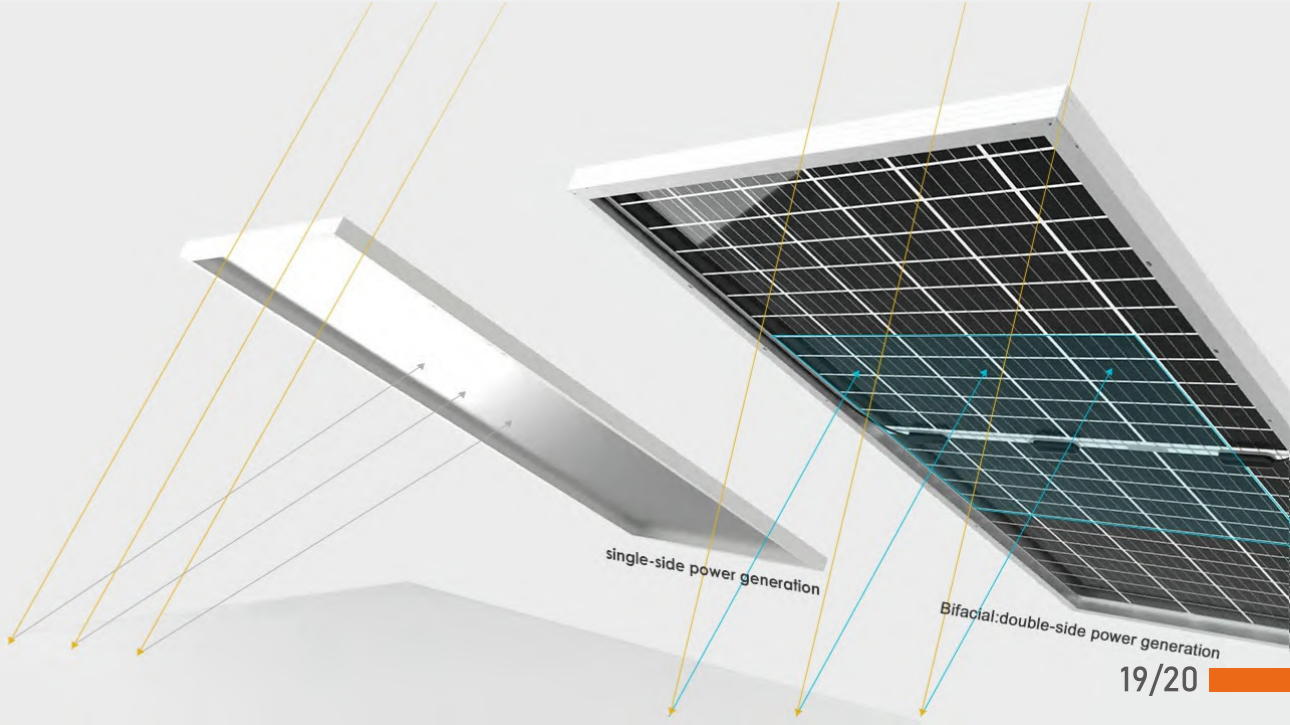
Double side double glass modules SOL SERIES



- Excellent weather resistance
- Excellent fireproof performance
- Excellent technical compatibility
- Power generation benefit growth



Double size solar cells & double glass Up to 20% power growth



Energy storage system



Combined Solar inverter, solar charge controller, LiFePO4 Lithium battery all in one, easily and simple practical installation to solar energy storage system



Lithium battery cycle time up to 4000 times, discharge rate: 90%



Multiple Protections: against short-circuit, overload, battery reverse output short-circuit, low-voltage, and over-voltage protection, etc.



Intelligent LCD & LED display to observe working status clearly



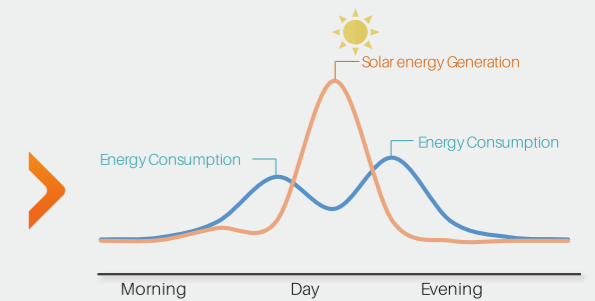
Support WIFI APP monitoring (optional)



How to save on bill from Residential ESS?

Self-Consumption Optimization

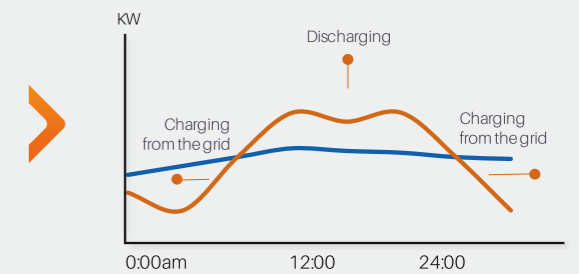
High energy demand in the morning and evening but solar energy generation is most sufficient during the Mid-Day. Battery Storage system balance the feeding and demands. Realize your grid independence.



Benefits from Peak Shaving

House: Load Shifting

Store the power during off-peak and use the energy at peak-time. Save on the electricity bills by reducing peak demand.



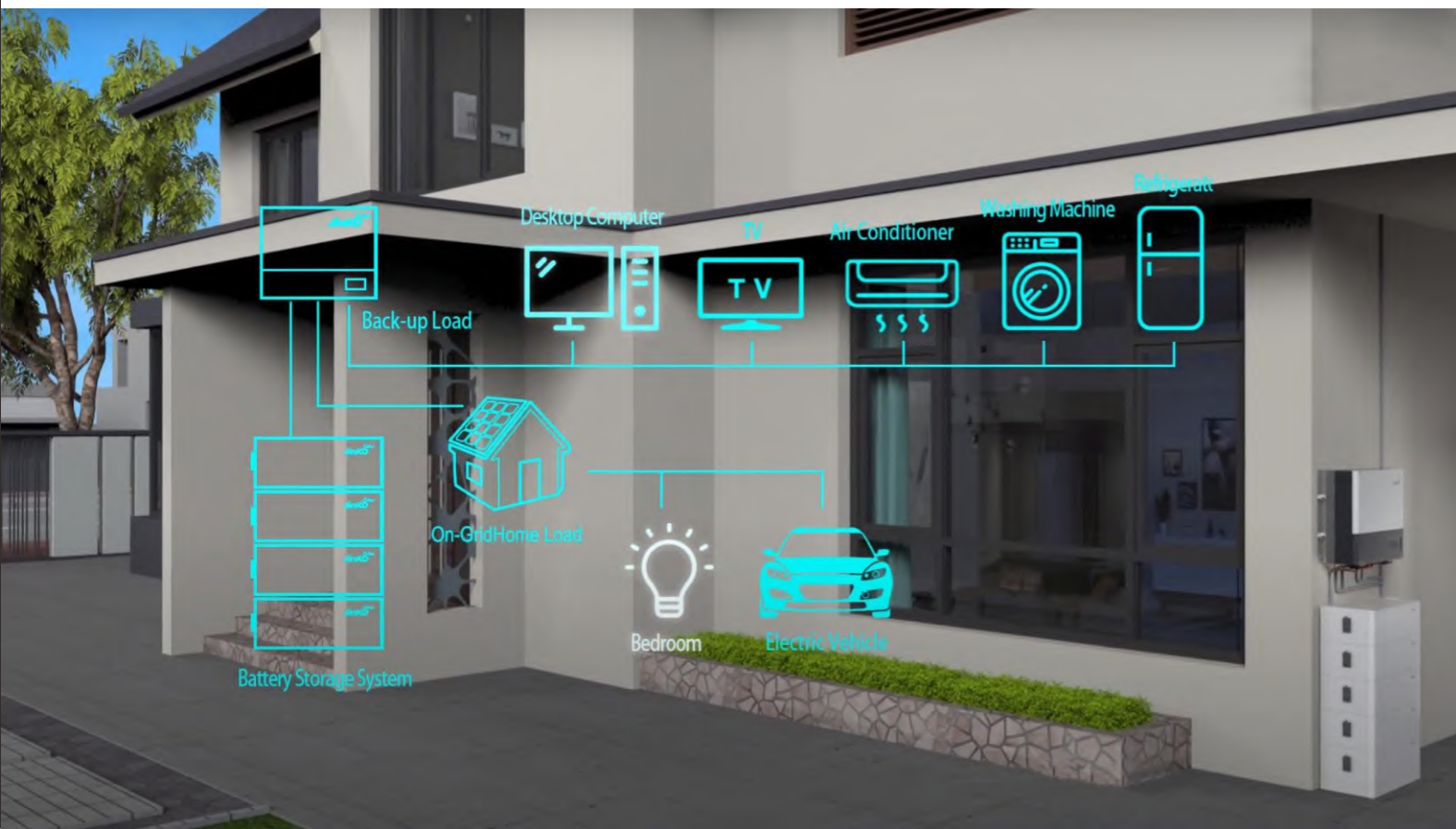
VPP Revenue

VPP creates a network of renewable energy sources and battery storage systems, connected through a cloud-based technology that manages the stability of clean electricity to maximize your revenue.

Enabling a cost reduction, as well as boosting the system's efficiency



Hybrid Storage System



Hybrid Series

Intelligent working modes

- Self consumption mode for high tariff areas
- Charge priority mode for areas where grid power is unstable
- Force charge & discharge mode for areas where tariff varies by time

Smart EPS

- Plug & Play, seamless switching under 10ms
- Sufficient backup power for emergency use

Easy to use with battery

- Remote upgrade BMS firmware
- Wide range of compatible battery brands
- Wake up lithium battery from sleep mode
- Essential info uploaded to Lux server for quick ESS diagnosis
- Battery sharing with multi-inverters in single phase or three phase

Advanced Parallel

- Up to 10 units parallel, expandable to 120kW
- Single phase and unbalanced three phase paralleling

Key Features

- Light, fast & easy installation
- Free & handy monitoring on mobile / PC
- Multi phases output on different hybrid models
- Generator interface available

Project Case

Zhejiang Huzhou

2.8MW Rooftop PV Plant
6222 pcs mono half-cut 460W



6MW Ground-mounted PV Plant
3260 pcs mono half-cut 460W

Norway



1.3MW Ground-mounted PV Plant
2364 pcs mono half-cut 550W

Brazil



55KW Ground-mounted PV Plant
100 pcs mono half-cut 550W

Spain

Zhejiang Shaoxing

2.3MW Rooftop PV Plant
4182pcs mono half-cut 550W

Project Case



80KW Ground-mounted PV Plant
216 pcs mono half-cut 460W

Thailand



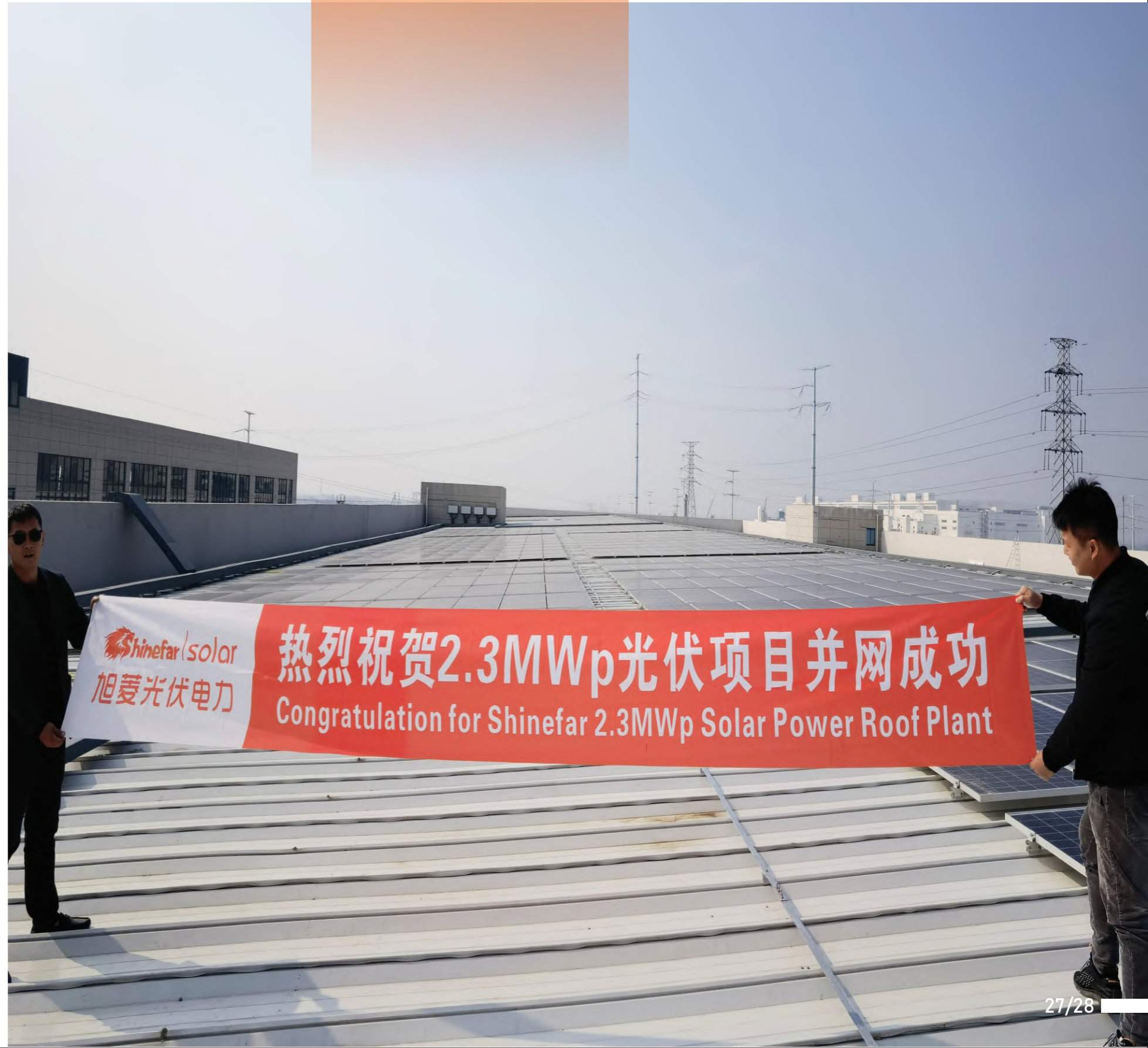
65KW Carport PV Plant
176 pcs mono half-cut 370W

Vietnam



2.8MW Ground-mounted PV Plant
6222 pcs mono half-cut 450W

Norway



Shinefar solar
旭菱光伏电力

热烈祝贺2.3MWp光伏项目并网成功
Congratulation for Shinefar 2.3MWp Solar Power Roof Plant

Project Case



1.5 MW Ground-mounted PV Plant
3260 pcs mono half-cut 460W



Brazil 3MW Rooftop PV Plant
5454 pcs mono half-cut 550W

Morocco



443 KW Rooftop Power Plant
1166 pcs mono 380W

Vietnam



550KW Rooftop PV plant
1486 pcs mono half-cut 370W

Ukraine



Ukraine

300KW Rooftop PV Plant
810 pcs mono 370W

Shinefar solar

Future is promising

new start
new journey
new glory

