

DA solar

/

PV MODULE
「Full Screen」

Global Patented Product

Reinvents the PV Module



01 / COMPANY PROFILES

Company Overview

- ▶ **Established** in 2009, professional solar panel , PV power station construction and operation, maintenance and investment.
- ▶ **Capacity:** 2GW Solar module+1GW Solar cell +(4GW under construction)
- ▶ **Employees:** 800+

15%
R&D of Total
Employees

60%
Export
Trading

200+
Patent
Technology

100+
Global
Market



Enterprise Honor

The company has successively won the national high-tech enterprise, the "integration of industrialization and industrialization" standard implementation unit of the Ministry of Industry and Information Technology, the photovoltaic industry standard enterprise of the Ministry of Industry and Information Technology, China's top 100 new energy enterprises, Anhui Province Quality Award, Anhui Province Enterprise Technology Center, Anhui Province Enterprise Credit Evaluation AAA-level credit Enterprise, Anhui Province Trademark Brand Demonstration Enterprise, Anhui Province Specialized Specialized New Champion Enterprise, Anhui Province Industrial Design Center, Hefei Smart Factory, Luyang District Import and Export Special Contribution Award, Luyang District Industrial Top Ten Enterprises.



Four manufacturing bases

DAH Solar founded 4 intelligent factories for PV products innovation and production. The total capacity achieved 7.5 GWper year!



4 4GW - capacity
Hefei Daheng manufacturing plant

140,000 square meter
Factory Area

\$950 million
Annual Output Value



1 1.5GW - capacity
Anhui Daheng Energy manufacturing plant



2 500MW - capacity
Xuheng Solar Intelligent manufacturing base



3 1GW - capacity
Jingtian New Energy manufacturing plant



DAH SOLAR Intelligent Pv Park



XUHENG SOLAR & JINGTIAN NEW ENERGY



HEFEI DAHENG

4GW capacity new factory under construction
Put into production in 2023





02 / PRODUCTION TECHNOLOGY AND PRODUCTS SERIAL

Innovation And Development

Innovation R&D Laboratory

- Dynamic mechanized pressure test, static mechanized pressure test.
- DH double 85 high pressure and high humidity test.
TC high and low-temperature test
- PID potential-dinduced frailty test HF frozen test
- Humidity and leakage test

120
Technology
Developing Researchers

200+
Technical
Patents



PV Module 1

Regular PV Module

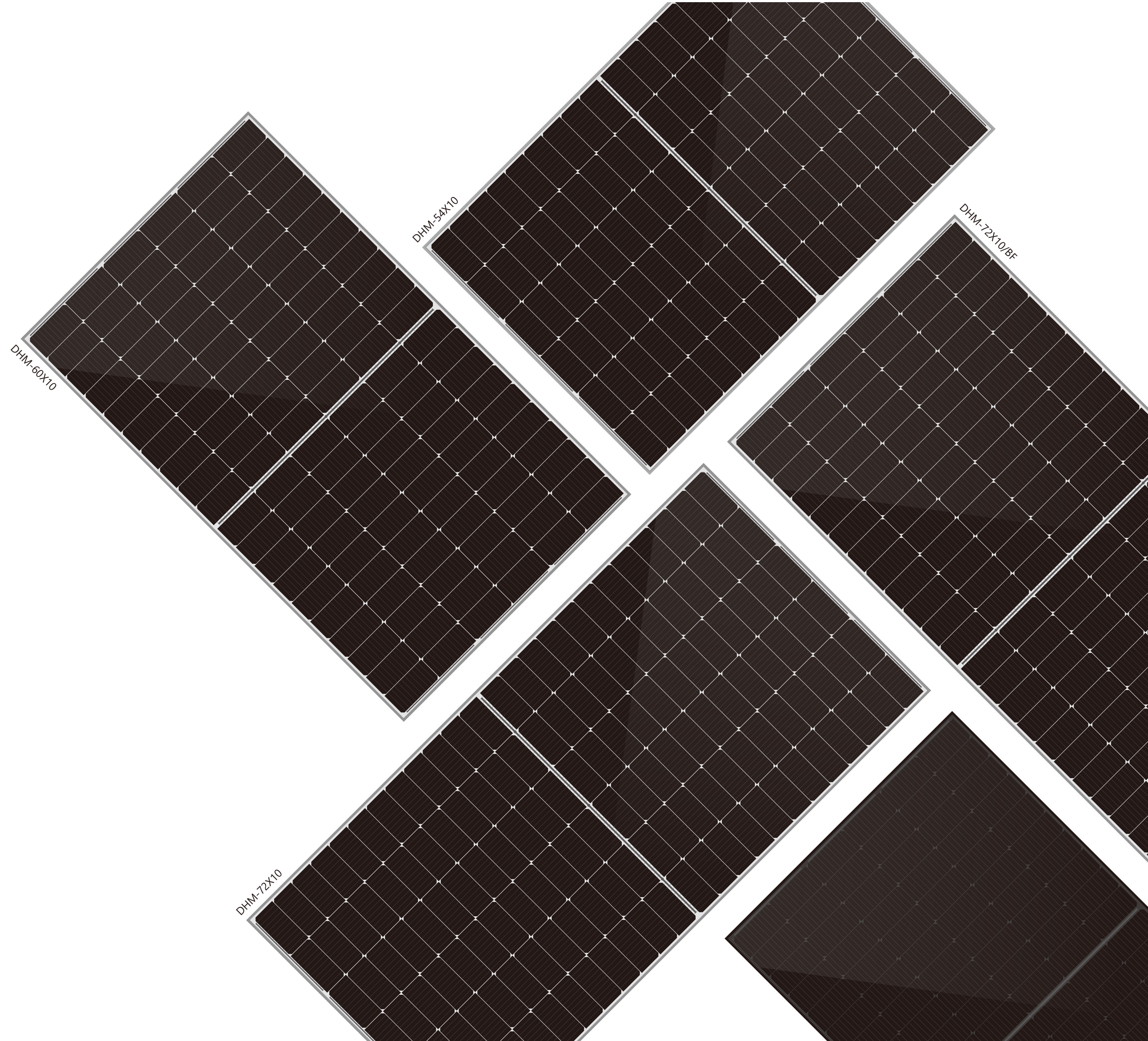
- ▶ 166 mm Serial
- ▶ 182 mm Serial
- ▶ Both Single glass & Bifacial

Comprehensive Products and System Certificates



Quality Guarantee

12-year material & technology warranty
25-year linear power output warranty



PV Module 2

Full-Screen PV Module

No dust and dirt on the surface, increase power generation



6-15%

Increasing Power Generation

Innovation design- Front frameless

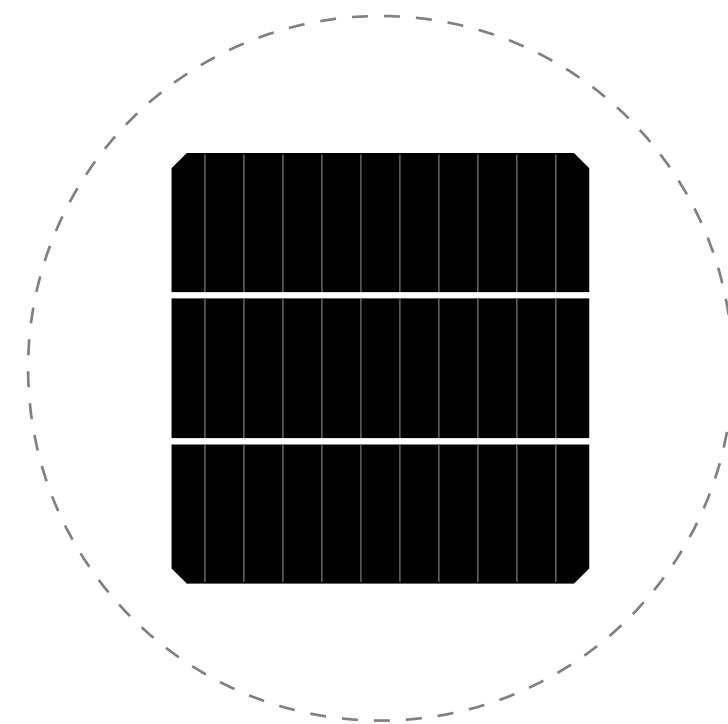


PV Module 3

Low Current PV Module(Full-Screen)

lower current and lower loss, higher power generation

Higher voltage, the earlier the system starts, Increase power generation



1/3 cut cells

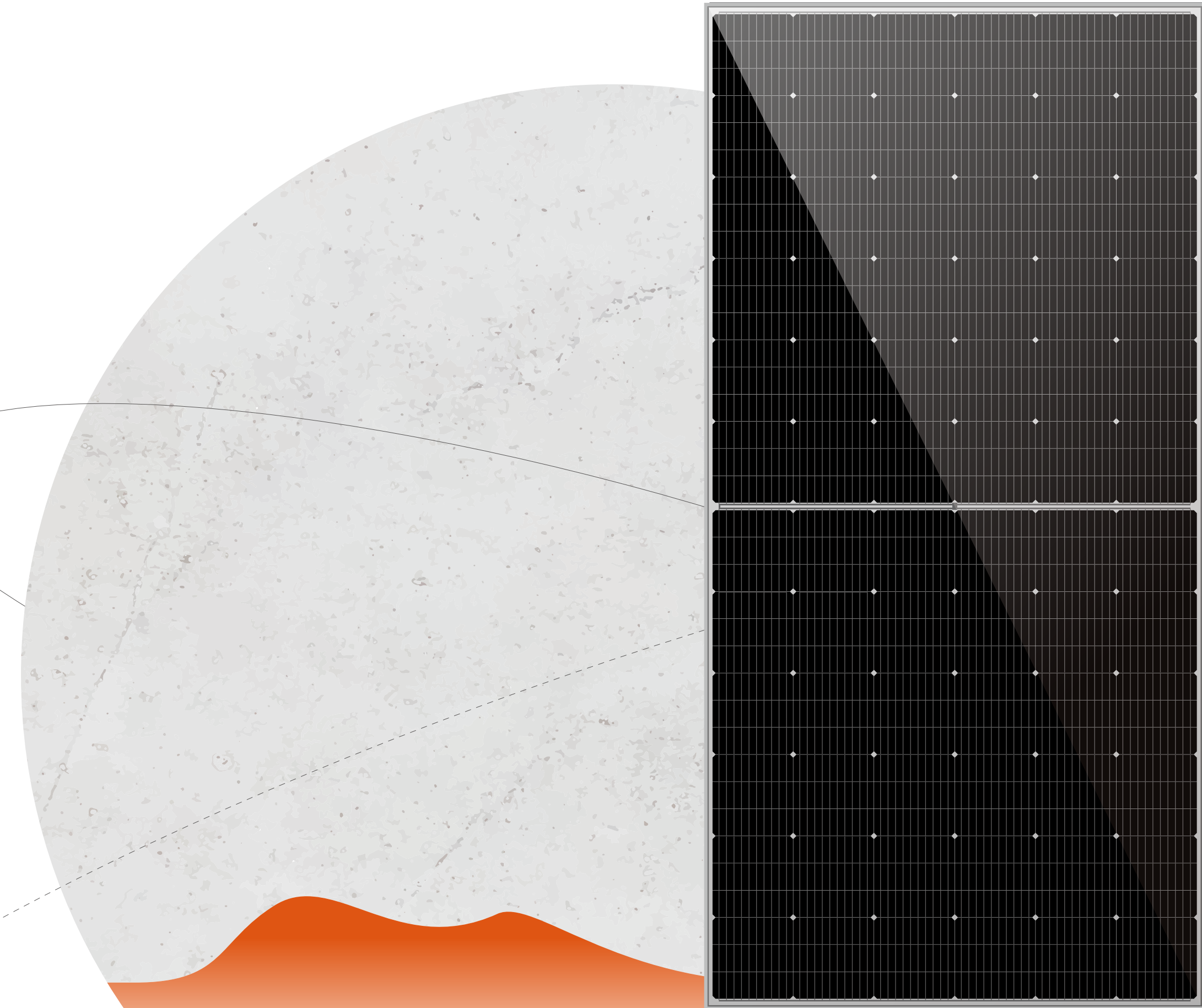
Comprehensive Products
and System Certificates



Compared with conventional half-chip modules, the power of a single block of low-current modules is 10W higher

Under the same installation area, the installed capacity is increased by 1.8%+

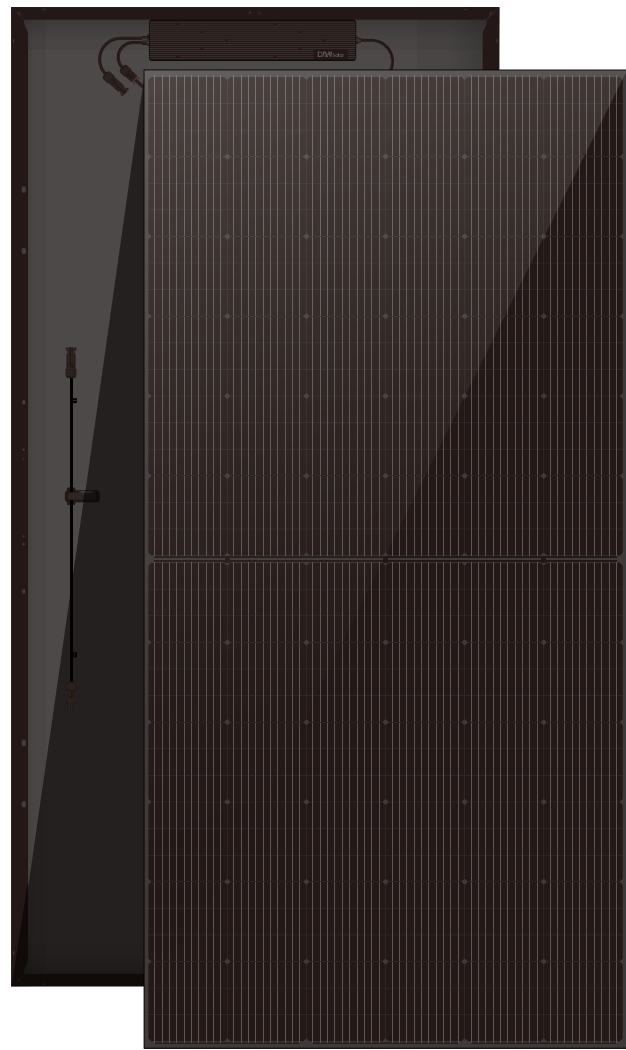
Power generation per watt increased by 1.5%+



The Worldwide First Technology

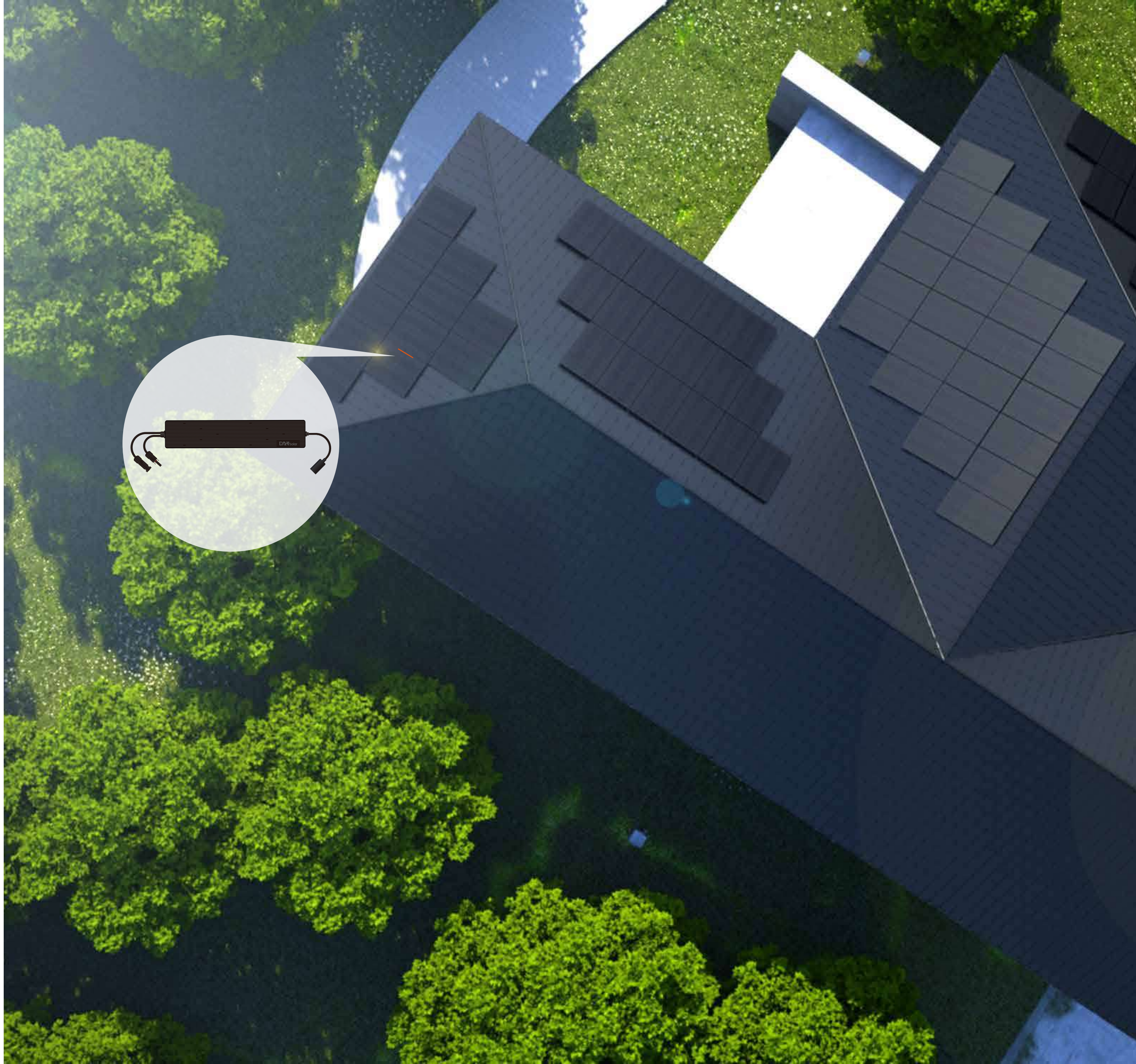
SolarUnit Smart PV System

(R&D part is over,currently under process of certification and testing in different countries)



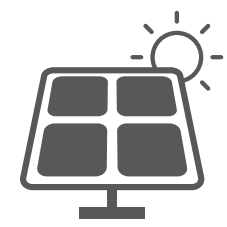
SolarUnit Smart PV System is combining the inverters and PV Module, which makes the SolarUnit channel the alternating current for direct electricity usage. The SolarUnit make a great break-through to improve the annual power generation by 25%

It is unnecessary to build a power station for SolarUnit. The SolarUnit doesn't require a specific installation angle. It is convenient to setup and minimizes the expenditure for the Balance of System. With the smart system, SolarUnit could be shut down remotely by electronic devices.



Household PV Energy Storage System

Under R&D stage, expected to be available in 2023



During the daytime, PV systems generate electricity for usage and store it in the energy storage battery.



During the nighttime, the energy storage battery will discharge for nighttime electricity usage.



DAH Solar devotes to creating a low-carbon lifestyle, and accelerate solar energy for household usage. The PV system will achieve electricity self-sufficiency and save the cost of living.



03 / GLOBAL MARKET



Global Market

DAH Solar sells our products to over 100 countries and regions. Export trading takes up over 60% of all trading.

DAH Solar’s Sales Representatives Across the World



International PV Exhibition





04 / PROJECT CASES

Power Station Investment & EPC

400KW Hefei Shengye Photovoltaic Power Station Project

20MW Lujiang Photovoltaic Power Station Project

760KW Hefei Economic and Technological Development
Zone Photovoltaic Power Station Project



22MW Lujiang Photovoltaic Power Station Project

1MW Anhui Daheng Energy Photovoltaic Power Plant Project

20MW Zhuang Tomb Photovoltaic Power Plant Project

360KW Luyang Science and Technology Industrial Park
Photovoltaic Power Station Project



Ground Photovoltaic Power Station



Lujiang Beautiful Village 20MW Photovoltaic Power Plant Project

Changfengzhuang Tomb 20MW Photovoltaic Power Plant Project

Wang Xiaoying Sewage Plant 10.8MW Photovoltaic Power Plant Project



Water Surface Photovoltaic Power Station



50MW Huanweihe Photovoltaic Power Station Project

18MW Lujiang Longqiao Photovoltaic Power Station Project



Industrial and Commercial Photovoltaic Power Station



18MW photovoltaic power station project of Jianghuai Automobile Technology Center

Chaohu Shengsansong 8MW Photovoltaic Power Plant Project

Coca-Cola 3MW Photovoltaic Power Plant Project



Household Photovoltaic Power Station



Mexico 22KW Photovoltaic Power Plant Project

Estonia 10KW Photovoltaic Power Plant Project

10KW Netherlands Photovoltaic Power Plant Project



Thailand 200KW Photovoltaic Power Plant Project

El Salvador 76KW Photovoltaic Power Plant Project



Household Photovoltaic Power Station



18KW photovoltaic power station project in Germany

Slovenia 23KW Photovoltaic Power Plant Project



Netherlands 20KW Photovoltaic Power Plant Project

Poland 50KW Photovoltaic Power Plant Project

Slovenia 30KW Photovoltaic Power Plant Project

Household Photovoltaic Power Station

Ireland 25KW Photovoltaic Power Plant Project

Austria 11KW Photovoltaic Power Plant Project



Mexico 8KW Photovoltaic Power Plant Project

Poland 14KW Photovoltaic Power Plant Project

25.5kw Manolovo Bulgaria



Household Photovoltaic Power Station



Mexico 16KW Photovoltaic Power Plant Project

Netherlands 8KW Photovoltaic Power Plant Project



Mexico 7KW Photovoltaic Power Plant Project

Bulgaria 40KW Photovoltaic Power Plant Project

Australia 70KW Photovoltaic Power Plant Project



Brand Cooperation



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