

GLOBAL LEADING NEW ENERGY COMPANY

CREATE A
SUSTAINABLE
FUTURE



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CUSTOMIZED DESIGN
PV MODULES PRODUCING
POWER STATION DEVELOPMENT



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WITH 12 YEARS OF PHOTOVOLTAIC INDUSTRY EXPERIENCE, JDSOLAR HAS MODULE SPECIFICATIONS FROM M1,M2, G2, M6 TO M10, G12.

So far, JDSOLAR has provided solar module products and customized solutions for more than 60 countries in the world.

High efficiency mono modules with MBB and half-cut cells , can meet the customer's diversified customization needs, such as single glass, bifacial , full black and so on.The maximum gain of the bifacial module is 30%; Among them, solar energy system covers more than 1000 kinds of solutions, such as household, commercial/Industrial, medium and large-scale power stations, designed for life.

JDSOLAR has passed multiple certification in domestic and international industries. We havemore than 80 core technologies and patents for our main business. We select the best materials in the world, strictly control the quality, performance and quality from the source of silicon materials to silicon wafers and solar cells, and create a sustainable future through clan solar energy



GOAL

Become a world-class new energy enterprise with advanced technology



SPIRIT

innovation and transcendence, pursuit of excellence



PHILOSOPHY

Create value for customers, seek development for employees, and take responsibility for the society



THE ANNUAL CAPACITY WILL BE EXPANDED TO 1.5GW IN 2021

JDSOLAR has formed the sales territory from domestic to overseas at present. Adhering to the leading technology, the new intelligent production line is a strong guarantee for us to serve our customers and respond to market changes.

12+

Photovoltaic energy
field experience

60+

60+ Partners
All of the world

3.0G+

Solar panels
PV modules
output

80+

Main business
and core
technologies

50+

Provided solar panel
PV modules and
customized solution
for different countries
all over the world

MAIN BUSINESS



Solar panels
PV modules
sales&production



Sales of
solar system
(On-Grid, Off grid)



Provide personalized
solutions for centralized
photovoltaic power stations,
Fish-light,Agriculture-light,
Forest-light complementary,
Solar farm and other projects



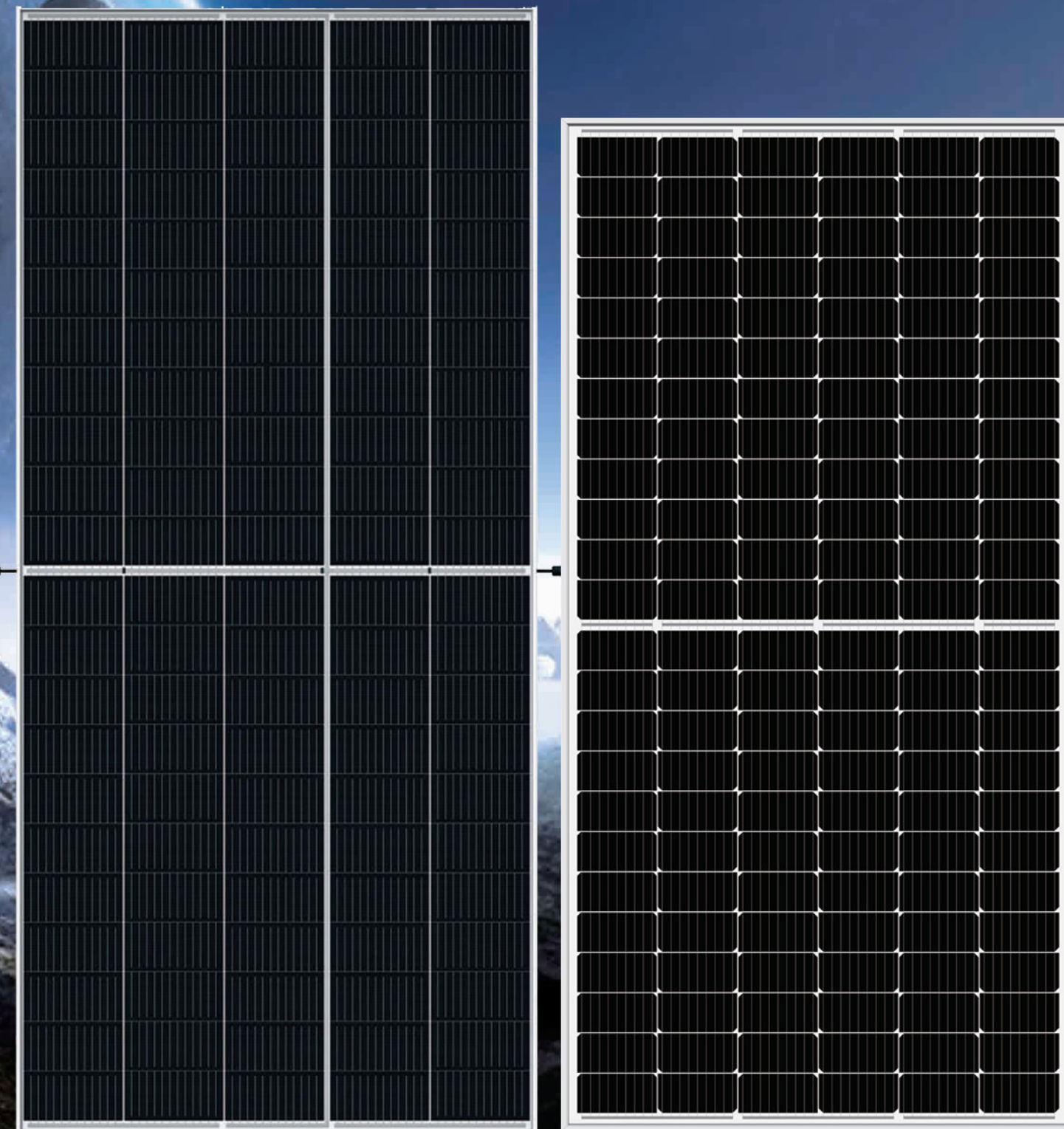
Optical battery storage,charging,
management integrated
smart energy solution

MAKE THE ROOF MORE RELIABLE AND POWER GENERATION MORE STABLE

Authoritative certificated photovoltaic
products, **25** years power-free use



- Ammonia resistance, acid resistance, waterproof, fireproof, wind resistance, high strength
- National quality inspection agency and authoritative third-party certification such as TUV, CE, INMETRO, etc
- The installed capacity of the same area is higher
- Patented design, strong heat dissipation, easy maintenance and more efficient



SOLAR SYSTEM

Solution·JDSOLAR Energy

JDSOLAR devotes itself to exclusive research and development, customized smart photovoltaic solutions, from PV modules, inverters to bracket accessories, from professional teams, management mechanisms to service guarantees, to effectively guarantee and increase power generation, and continue to create the best benefits for customers throughout the life cycle. There are over 5000 cases, designed for life, knowing design knows you better.

Smart energy management

- Real-time power generation monitoring system, flexible and efficient management and control, optimizing power consumption
- Intelligent peak-shaving and valley-filling, power and storage during the day and balance the power consumption at night

JDSOLAR OPTICAL ENERGY STORAGE AND CHARGING INTEGRATED SMART ENERGY SOLUTION

In power production, energy storage systems can realize energy transfer and promote the application of new energy. Through the establishment of a microgrid, peak and frequency modulation can be achieved, and the operation stability of the power system can be improved. The problem of limited photovoltaic and wind power can be improved, which has a higher economy, and it can reduce instantaneous power changes and reduce the impact on the grid.

'Photovoltaic + Energy storage' microgrid application solution

The microgrid system is a power generation and distribution system that can achieve self-control, protection and management in accordance with predetermined goals. It can be connected to the external grid to form a networked microgrid, or it can be operated in isolation to form an independent microgrid.

The advantages of JDSOLAR Energy Storage System in realizing the internal power balance of the microgrid

-  Balance the internal power of microgrid

 Improve power reliability

24

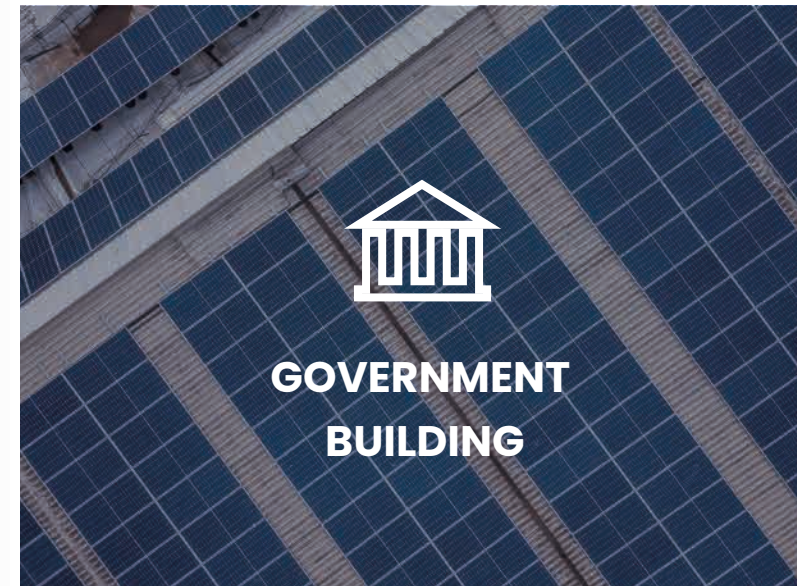
 All day power supply
-  Provide stable power for the load

 Seamless switching between grid connection and off grid



80+ ITEMS A DISTRIBUTED EXPERT

In the field of distributed PV energy field,JDSOLAR has developed 80+ global projects, with an installed capacity of 0.8GW+ serving global government and enterprise customers





ENTIRE COUNTRYSIDE PROMOTION

JDSOLAR Energy is responsible for the preliminary survey, scheme design, project investment and construction, and overall operation and maintenance of the grid-connected solar distributed photovoltaic power generation system project in the entire area.



**POLICY
ANALYSIS**



**PROJECT
ENVIRONMENT**



**DEADLINE
SITUATION**



**SYSTEM
COST**



**BUILDING
STRUCTURE**



**FULL
TRACKING**



**INTELLIGENT
MONITORING**



**INTELLIGENT OPERATION
AND MAINTENANCE**

DEVELOPMENT



JDSOLAR
JIDI SOLAR
Brand established

2009

JDSOLAR Energy brand established.
New production base was completed,
and the annual production capacity
exceeded 200MW.
JDSOLAR signed an exclusive authorization
agency agreement with HSBC on financing
of PV projects for Australian residents.

2015-2016

JDSOLAR was awarded the title of
"excellent brand of Jiangsu Province".
Participating in pv project investment
of Australian public facilities.

2017-2018

"Xiaomaibao" original household PV
power generation system released.
Participating in domestic PV project
investment.

2019-2010

JDSOLAR was award the title of
"outstanding PV enterprise" in
Jinan Domestic PV Solar Energy
Exhibition.
JDSOLAR was award the title of
"China's most influential brand
enterprise", and the new
automatic production line was
officially put into operation.

2021

Adding new automatic production line
to produce M10 and G12 PV modules.
We has added cell in business.

CONTINUE...

EXHIBITION EXPERIENCE

2017

SOUTH AFRICA PV EXHIBITION



2016

UK PV EXHIBITION



2016

RENEWABLE ENERGY



2015

SOLAR EXPO



2014

INTER SOLAR



2018

PV Guangzhou



2019

Middle east electricity



2019

SNEC Shanghai



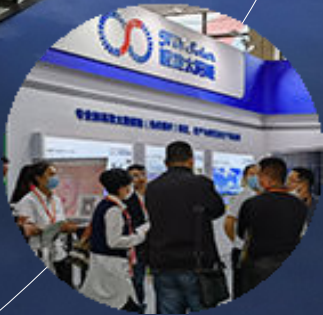
2020

Energy and Environment International Trade Fair



2021

CBTH PV





PRODUCT MANUFACTURING TECHNOLOGICAL INNOVATION HIGH QUALITY

Manufacturing is not only reflected in product technical performance, but also in production equipment, quality management and customer service. JDSOLAR firmly believes that innovation is the core factor for enterprises to maintain growth, and the improvement and innovation of details in R&D and production have converged into a qualitative leap.

80+
Solar photovoltaic patents

20+
R&D engineers

21%
Module Efficiency

TUV / CGC and other authoritative laboratory certification



HIGH EFFICIENCY MODULAR AUTOMATIC PRODUCTION LINE

In order to realize the flexibility of manufacturing process and maintain the high standard of product quality, JDSOLAR divides the module production into several relatively independent and highly interconnected modules, scientific use of statistical engineering, equipment improvement and a variety of management systems combined with lean production. and has fully automated production line to ensure the consistency of product quality, improve product quality, improve production efficiency, lower production costs and raise returns for investors.

15%

Production costs
reduction

15%

Equipment efficiency
improvement

24*7

Real time monitoring
system

80+

Production and process
improvement patents

99.4%

Excellent products

36%

Production efficiency
improvement



QUALITY MANAGEMENT SYSTEM



In order to enhance the customer's satisfaction with product quality,JDSOLAR vigorously improves the process equipment and conducts professional training for its employees from time to time. Based on the on-the-spot investigation and comprehensive evaluation of DERKA 's expert group, JDSOLAR successfully passed the three system certification, including ISO9001 (quality management system certification), ISO14001 (environmental management system certification) and OHSAS18001 (occupational health and safety management system certification).

RAW MATERIAL CONTROL



Perfect supplier system
Automatic screening of incoming materials and manual secondary sampling inspection
Storage environment with constant temperature and humidity
Supplier quality system management



PRODUCTION CONTROL

300 + quality monitoring points
Triple test 100% EL
Online quality control to minimize modules cracks
AAA level HALM tester



FACTORY INSPECTION

OBM test

EMBODIMENT OF QUALITY RELIABILITY

Starting from the source of production, JDSOLAR strictly controls every link. With professional and strict requirements, every modules delivered to customers can withstand the harsh monitoring and harsh environment inspection.

INCOMING TEST

100% Raw material inspection

80 Incoming material quality test (single piece tension, EI test, EVA crosslinking degree test, junction box cable resistance test, frame stability test, etc.)

STRICT EI DETECTION

3 The module passed three EI tests before lamination and final inspection

ADVANCED TESTER FOR WHOLE PRODUCTION LINE

100% Production line is equipped with industry-leading performance tester

BOTH APPEARANCE AND APPEARANCE

100% Appearance inspection



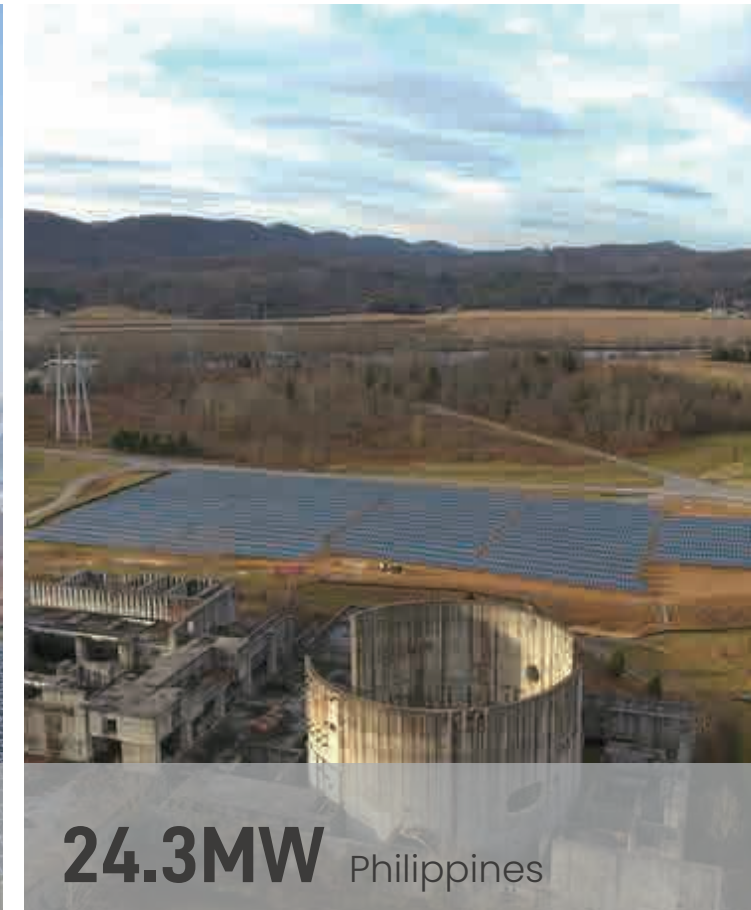
11.75MW
MONTENERO, ITALY

GROUND POWER STATION PROJECT

With years of industry experience, JDSOLAR provides cost-effective and reliable photo-voltaic products for large-scale solar power stations with professionalism and enthusiasm, so as to maximize the return on investment.



15.2MW Yuncheng, Shanxi



24.3MW Philippines



13.5MW Yinchuan, Ningxia



15MW Florence, Italy



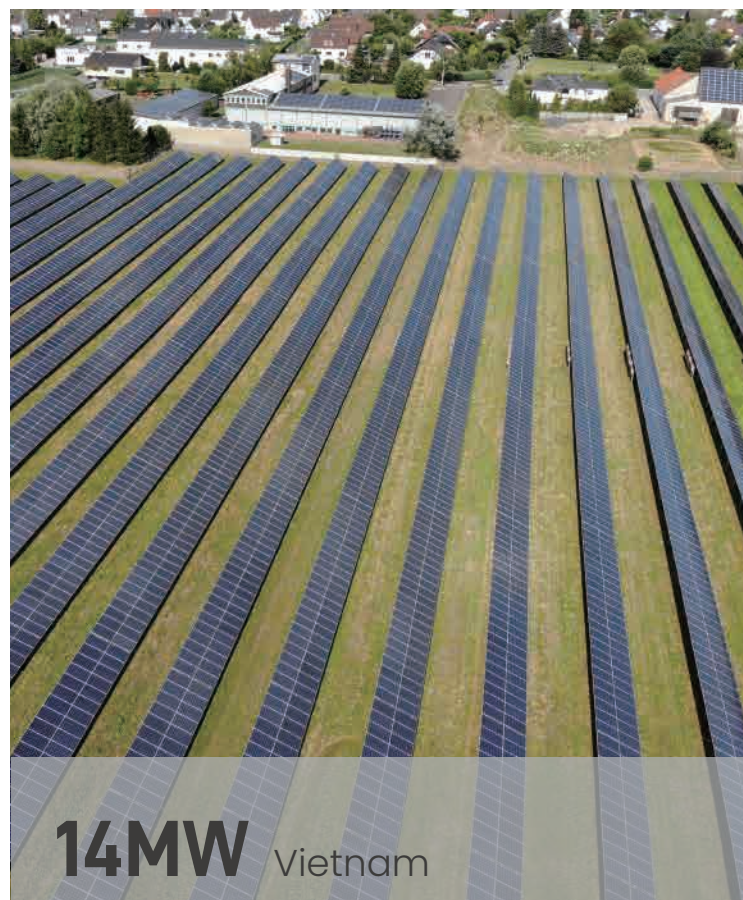
1.8MW Hamada, Japan



1.1MW Jilin



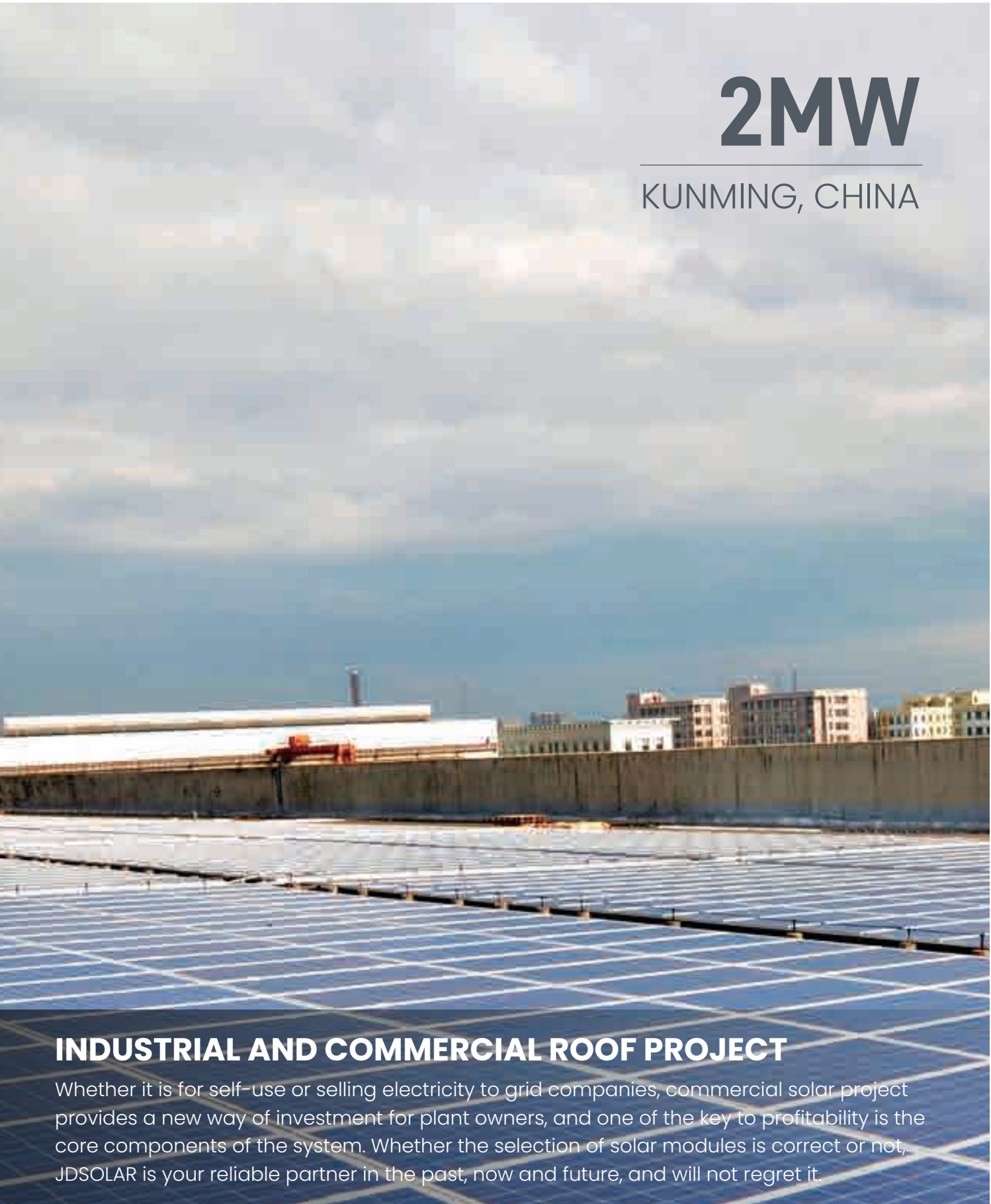
12.5MW Macejo, Brazil



14MW Vietnam



18.35MW
TAMPERE, FINLAND



2MW
KUNMING, CHINA

INDUSTRIAL AND COMMERCIAL ROOF PROJECT

Whether it is for self-use or selling electricity to grid companies, commercial solar project provides a new way of investment for plant owners, and one of the key to profitability is the core components of the system. Whether the selection of solar modules is correct or not, JDSOLAR is your reliable partner in the past, now and future, and will not regret it.



3.5MW Bozhou, Anhui



2MW Zhengzhou, Henan



1.1MW Nantong, Jiangsu



3.2MW Melbourne, Australia



350KW Sydney, Australia



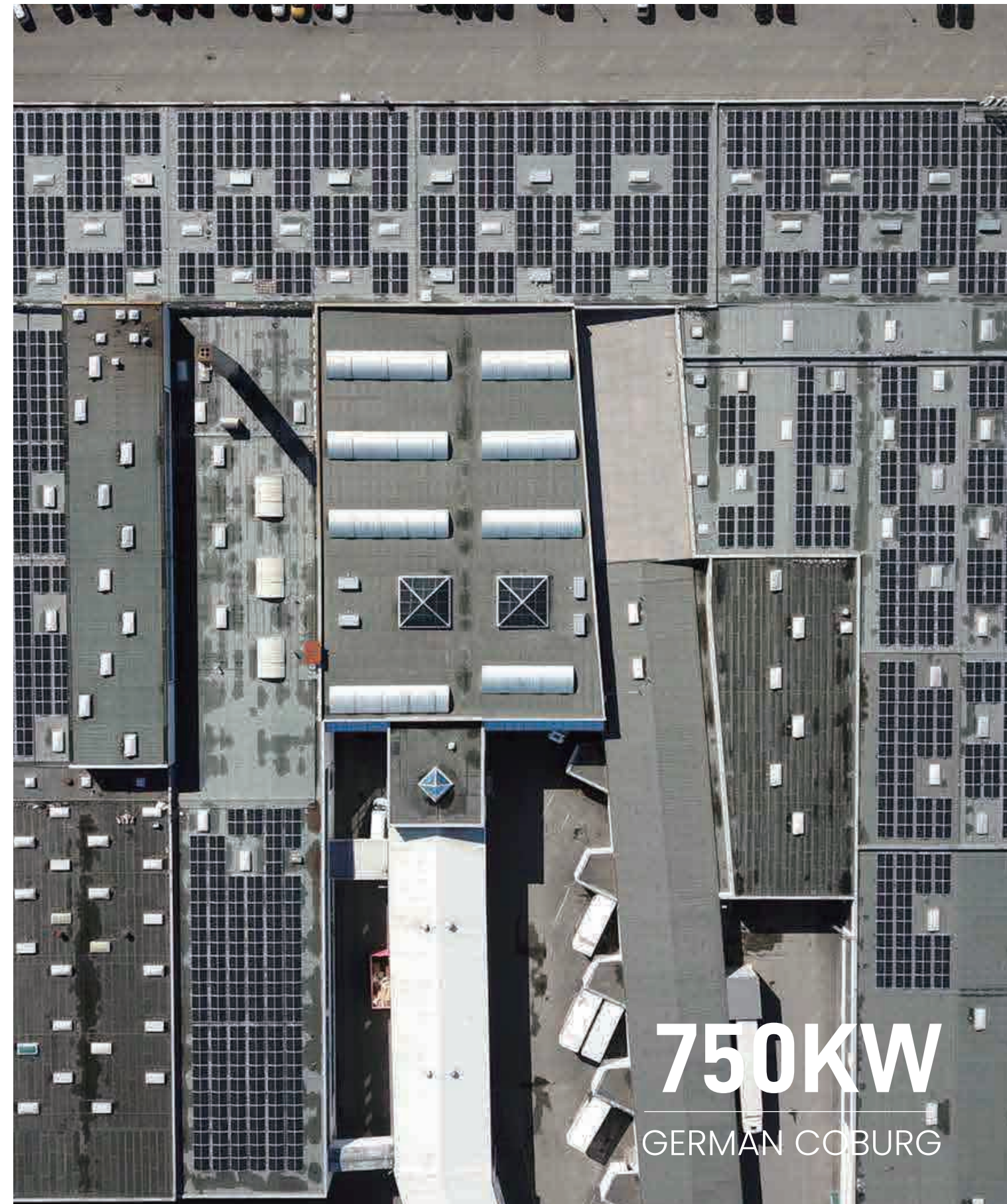
201KW Brussels, Belgium



439KW Munich, Germany



240KW Manila, Philippines



750KW
GERMAN COBURG



69KW

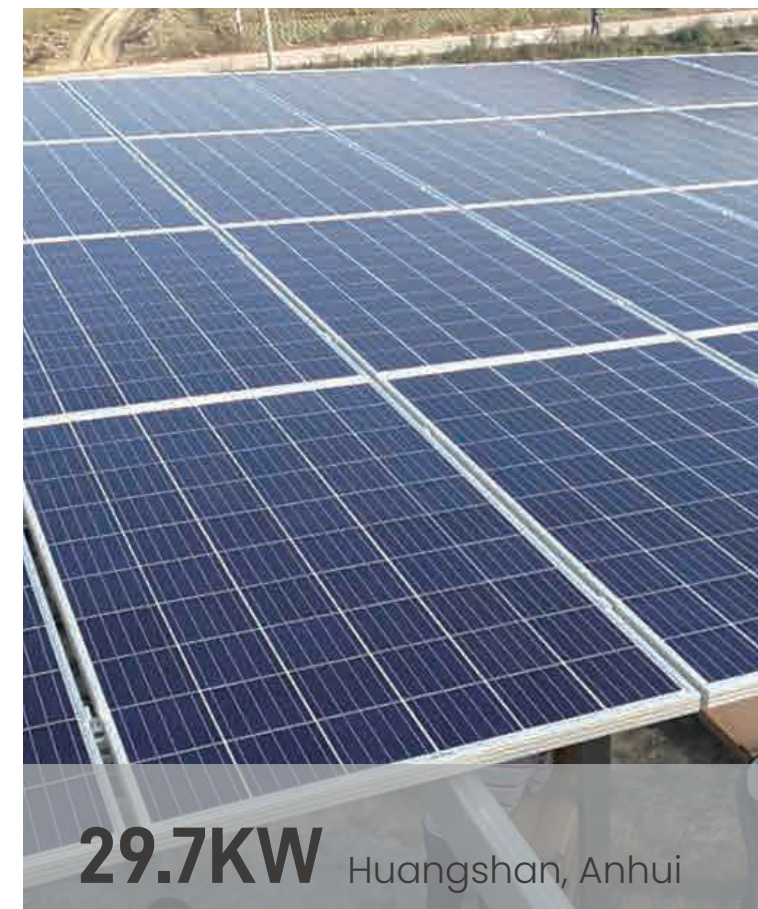
FUYANG, ANHUI

RESIDENCIAL ROOFTOP PROJECT

Six thousands of residential roof-tops in the world have been installed with JDSOLAR high-efficiency residential rooftop system, which will not only reduces household electricity costs, but also enjoys the great improvement of the environment by clean energy. And also obtains a stable charge for more than 20 years through electricity sales and government subsidies.



28.2KW Anhui



29.7KW Huangshan, Anhui



35KW Nanping, Fujian



46KW Shaoguan, Guangdong



Baiyin, Gansu **9.72KW**



5.2KW Italy



Klaipeda, Lithuania **5.1KW**



10KW Zhoukou, Henan



Yueyang, Hunan **15KW**



2KW Frankfurt, Germany



Italy **4.5KW**



13KW Hengshui, Hebei

COOPERATIVE PARTNER



 **Footprint of business**

 **Global headquarters**

Changzhou, China
No.9 Taohuagang Road ,
Xinbei District, Changzhou
City, Jiangsu Province