

FORGING GREEN ENERGY FRONTIERS

Corporate Branding Brochure



Headquarter: Hanersun Technology Co., Ltd.

Add: 10F, B4 Block, No. 19, Suyuan Avenue, Jiangning District, Nanjing, China

E-mail: sales@hanersun.com

Tel: +86-25-5279-1766

MANUFACTURING BASE

Add: No.88, Hexie Road, Jing County, Anhui Province,
China

E-mail: sales@hanersun.com

HANERSUN AUSTRALIA PTY LTD

Add: Unit 15, 56 Buffalo Road, Gladesville, NSW 2111,
Australia

E-mail: sales@hanersun.com

HANERSUN JAPAN CO., LTD.

Add: 1001, Mido-cho, MARK SQUARE, 3-15-3 Taito, Taito-ku,
Tokyo, Japan

E-mail: sales@hanersun.jp

HANERSUN EU B.V.

Add: Meerval 1, 4941SK Raamsdonksveer,
Netherlands

E-mail: sales@hanersun.com

HANERSUN US INC.

Add: 1201 N Market St# 2300, Wilmington,
DE 19801

E-mail: sales@hanersun.com

THE WORLD'S LEADING CLEAN ENERGY COMPANY

Build a bridge of technology,
approach to the zero-carbon world



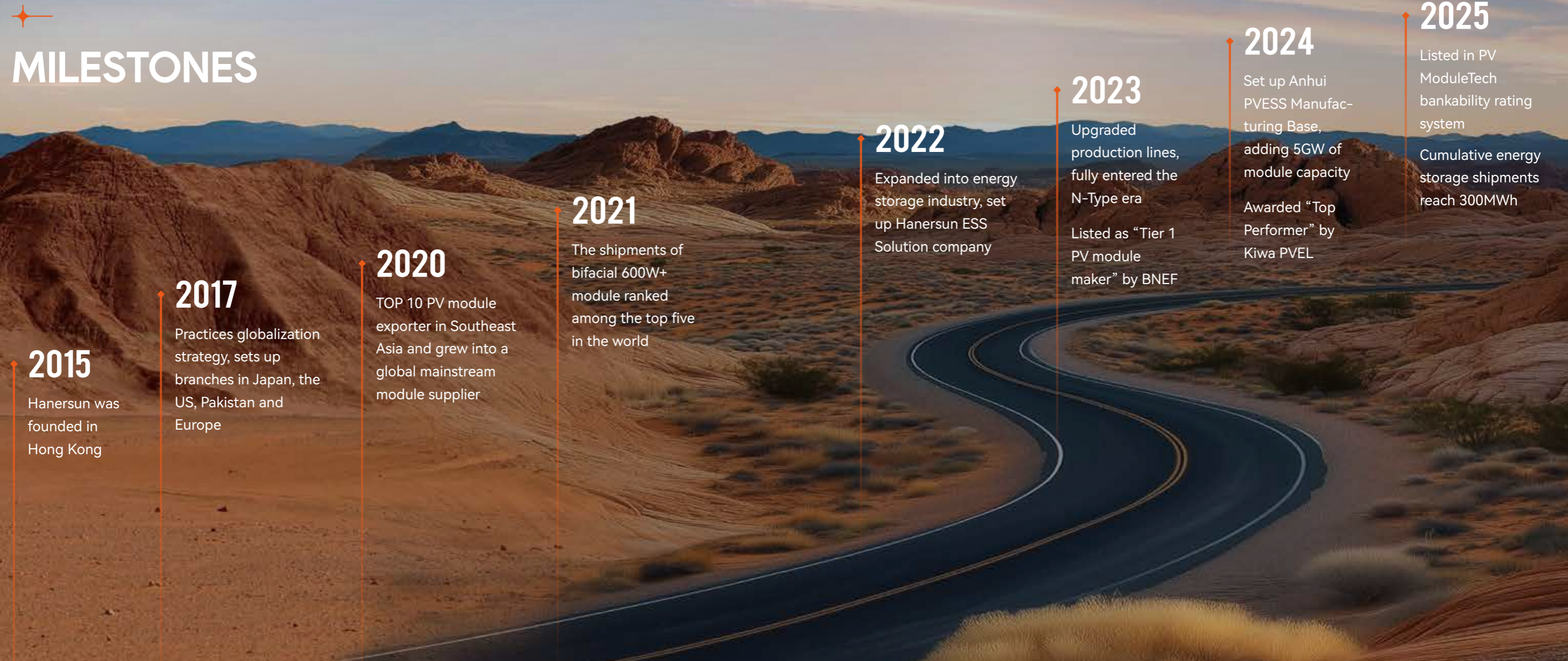
Hanersun is a world-leading clean energy company, focusing on R&D, manufacturing and distribution of solar module and energy storage system, as well as comprehensive clean energy solutions. Committed to high-efficiency technologies, the company is one of the first to launch PV modules of 600W+ and 700W+ in the industry.

Founded in 2015, headquartered in Nanjing, China, Hanersun has established branches in the US, Europe, Japan, Australia, Brazil, Pakistan and other regions, ensuring localized customer services. It has consistently been recognized as a BNEF Tier 1 solar module manufacturer, earned the “Top Performer” award from Kiwa PVEL, featured on PVBL’s “Top 100 Global PV Companies” list, and received a “CCC+” ranking in PV ModuleTech bankability rating system.

By the end of 2025, Hanersun has cumulatively delivered over 16GW of solar modules, developed and built 900MW of solar projects worldwide, and seen its energy storage products selling throughout Europe. With a presence in over 100 countries and 1000 industry-leading partners, the company continues to lead in the global clean energy transition.

SUSTAINED GROWTH

MILESTONES



Tier1

Solar Module Manufacturer

Top Performer

Awarded by Kiwa PVEL

100+

Countries Business Footprints

16^{GW+}

Cumulative Modules Shipments

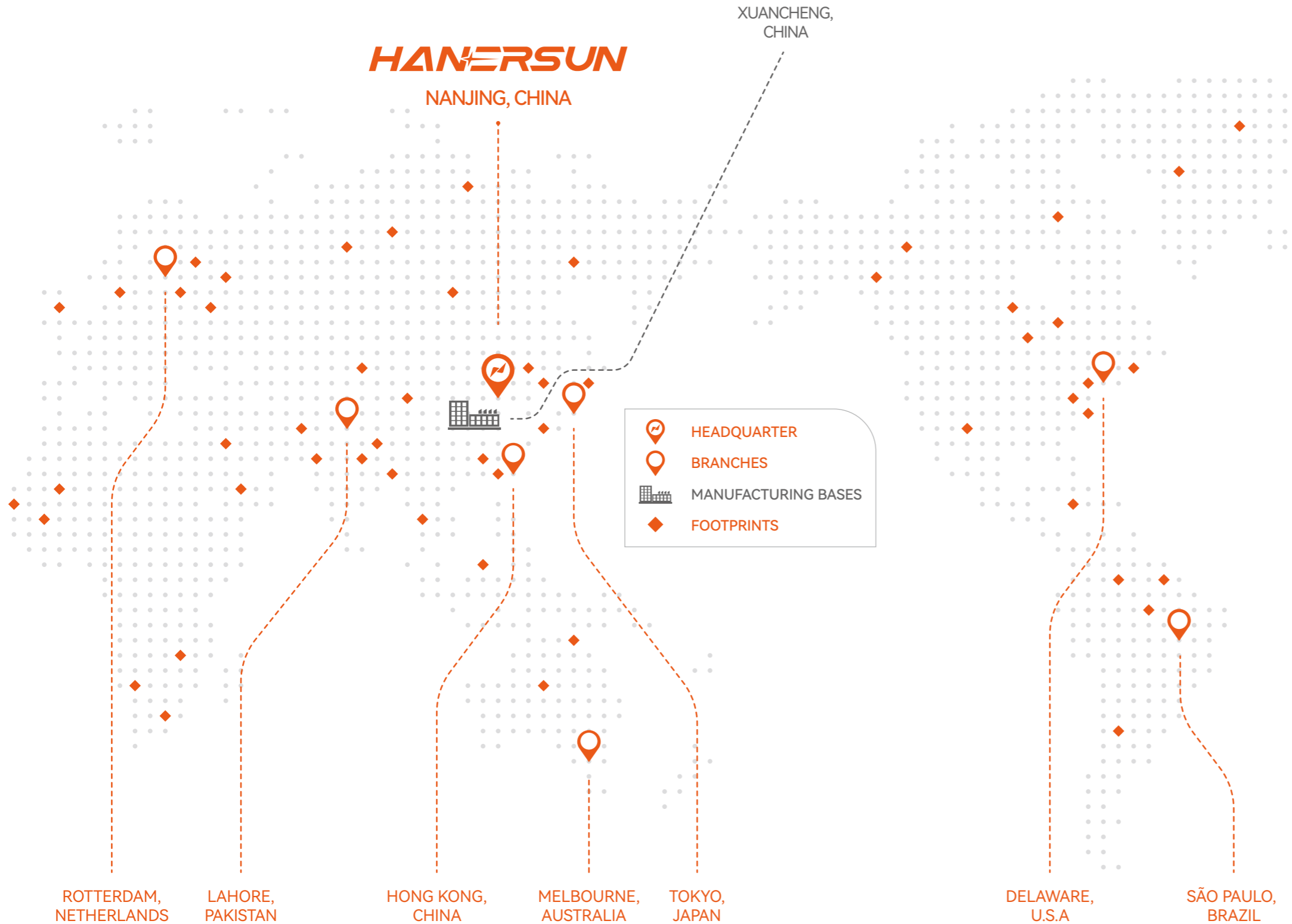
900^{MW}

Projects Commissioned

100+

Financial Partners

GLOBAL NETWORK



Headquartered in Nanjing, China, with a PVES Manufacturing Base in Xuancheng, Anhui, Hanersun has established branches in the US, Europe, Japan, Australia, Brazil, Pakistan and other regions, ensuring localized customer support.

The company's operations span across more than 100 countries and regions worldwide, with over 1000 industry-leading partners.



SUPERIOR VALUE



Hanersun products are trusted by over 100 international banks and financial institutions. Since 2023, the brand has been consistently listed in BNEF's Tier 1 PV module manufacturer list, and is committed to delivering consistent and stable investment returns to global clients.



WIN-WIN COOPERATION



1000+ customers worldwide embrace the growth and innovation of Hanersun.



CORE BUSINESS



INNOVATION DRIVEN



Hanersun is committed to the continuous R&D of solar modules and owns more than 120 technology patents, with independent intellectual property rights in the core areas of bifacial and TOPCon technology. We have taken the lead in launching the 210mm module and TOPCon module in the industry.



120+
Solar Patents



Experienced
R&D Engineers



Module Efficiency
up to 24.1%



Highly Competitive
Product Iterations



2022

USHERING IN A NEW ERA OF N-TYPE

- Released the **HITOUCH 5N** 182mm TOPCon module

2023

700W+ ULTRA-HIGH EFFICIENCY MODULES

- Released the **HITOUCH 6N** 210mm TOPCon module

2024

- Released the **HITOUCH 6RN** module series
- Released the **HITOUCH 6H** 210mm HJT module

2025

- Released the ultra-light flexible **HITOUCH Airy Series** module
- Released the **HITOUCH 6N** 210mm TOPCon 0BB module



INTELLIGENT MANUFACTURING

AUTOMATION



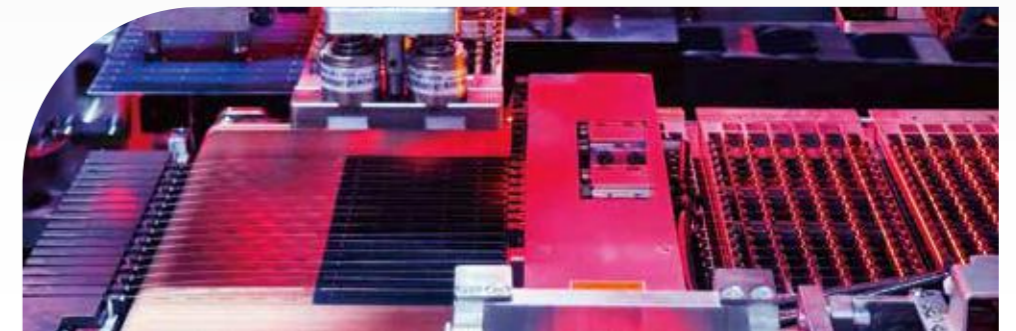
INTELLIGENCE



REFINEMENT



Focusing on the integration of production and research, Hanersun continuously enhances the automation and intelligence of its manufacturing processes. In 2023, we carried out technological upgrades to our existing production lines, effectively improving energy utilization and further reducing production costs. In 2024, our PVESSE manufacturing base in Anhui officially commenced production, maintaining a yield rate of 99.8%, achieving a 95% automation rate and producing a module within 16 seconds, and establishing a lean and efficient intelligent production model.



PV MODULES



As a world-leading manufacturer of solar modules, Hanersun drives industry innovation with cutting-edge technologies. The company took the lead in launching 600W+ and 700W+ high-power modules, pioneering the era of N-type technology with its HITOUCH N series, while continuously pushing the boundaries of efficiency with the HITOUCH H series.

Meanwhile, by releasing new photovoltaic-building solutions such as the Full Black Series, Crystal Series, and Airy Series, Hanersun keeps expanding photovoltaic applications to achieve carbon reduction in buildings.

Hanersun centers on “high-efficiency and high durability,” creating sustained green value for customers.

THE PIONEER OF 750W+ TECHNOLOGY

PV MODULES



HITOUCH N

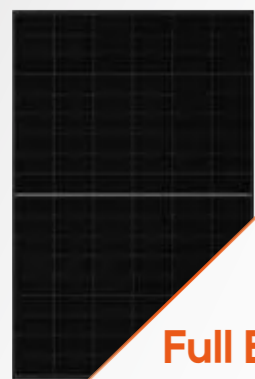
- ◇ High-efficiency TOPCon cell with non-destructive cutting
- ◇ Multiple busbar design increases power output by 1-2%
- ◇ 0.5mm cell spacing, high-density encapsulation
- ◇ Round wire busbars increase power output by 2%
- ◇ Bifaciality up to 80%-85%



HITOUCH H

- ◇ Use high-efficiency heterojunction cells
- ◇ SMBB technology enhances power output by 2%
- ◇ Advanced sealing technology enhances weathering resistance
- ◇ Low Temperature Coefficient of $-0.24\%/^{\circ}\text{C}$
- ◇ 90% bifaciality boosts rear side power generation by 25%

PV + BUILDING



Full Black Series

- ◇ Enriches architectural aesthetics
- ◇ All-black design with an efficiency of up to 22.8%
- ◇ Within 2m² Premium size for rooftops



Crystal Series

- ◇ Light transmittance up to 45%
- ◇ Lower BOS cost High aesthetic, high ROI
- ◇ Next-gen BIPV



Airy Series

- ◇ 8kg, 70% lighter
- ◇ Flexibly adaptable to building surfaces
- ◇ No need for brackets, saving project costs



Higher Module Efficiency



Harsh Environmental Adaptability



Excellent Low-light Performance



Low BOS and LOCE



PROVEN QUALITY



Quality is our core value. With unceasing efforts, Hanersun has developed its exclusive quality management system based on international advanced management experience. Following an on-site audit and comprehensive assessment by CCCI, Hanersun has successfully passed three system certifications for Quality Management System (ISO 9001:2015), Environment Management System (ISO 14001:2015), and Occupational Health and Safety Management System (ISO 45001:2018).

- Flawless supplier management and evaluation system, 100% batch inspection
- Full data monitoring through MES and AOI to promote process upgrading
- 100% FQC/OQC inspection, 10% OBA inspection
- 52 quality check points, 3*100% EL tests

PRODUCT CERTIFICATES



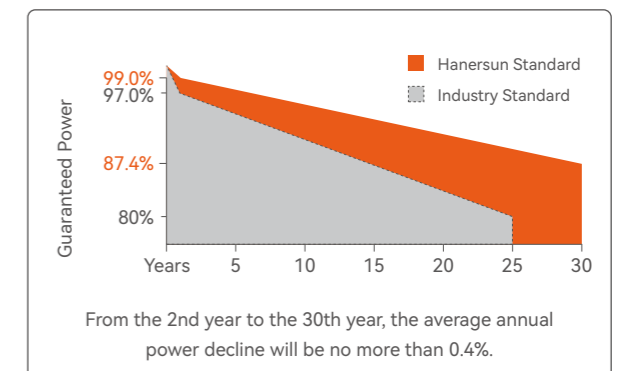
EXTRA-LONG WARRANTY

BIFACIAL

- 15-year product warranty
- 30-year performance warranty

MONOFACIAL

- 15-year product warranty
- 30-year performance warranty



INSURANCE

Warranty partner



ENERGY STORAGE SYSTEMS

EXPANDING THE BOUNDARIES OF SOLAR

To Meet More Diversified Applications



In areas with high electricity prices and poor grid stability, PV-storage integration emerges as the optimal solution to comprehensively improve the self-consumption rate of PV systems and effectively reduce power purchase expenses. Leveraging years of technical accumulation, Hanersun Technology Co., Ltd. established its wholly-owned subsidiary of Hanersun ESS Solution Co., Ltd. in 2022, developing capabilities in energy storage product R&D and PV-storage synergy solutions.

In 2025, Hanersun launched its second-generation HNESS energy storage system for the C&I sector. This release expanded the company's technological edge, with cumulative shipment reaching 300MWh and providing customers with uninterrupted power supply.

ENERGY STORAGE SYSTEMS



HNESS 3420/5000-20H
3.42 / 5MWh



Comprehensive Safety Protection

- Three-stage fire protection
- Harsh environment adaptation
- Full-lifecycle health monitoring



Intelligent Energy Management

- EMS for PV-storage synergy
- Cloud-based remote monitoring
- Uninterrupted PV-storage linkage



HNS 261K-125P
125kW / 261kWh

HNESS 230-L
100kW / 230kWh



Flexible Scalability

- Multi-unit parallel expansion
- Modular plug-and-play
- Diverse application scenarios



Intelligent Temperature Control

- Precise temperature control, low energy consumption
- Extends battery life & ensures stable operation



HNESS 105-A
50kW / 105kWh

PRODUCT CERTIFICATES



CE - LVD

CE - EMC



UN38.3

IEC 62619:2022

ENERGY SERVICES



With 10 years of global dedication, Hanersun has built a professional energy service team combining international expertise with localized experience. Leveraging successful development and construction of 900MW solar projects, we have established a full life-cycle service solution.

From diverse financing channels and location-specific design, to global supply chain management with optimized BOM selection, and EPCM quality-efficiency-risk control, every phase ensures precisely tailored solutions.

Post-commissioning, our O&M team delivers lifecycle services centered on real-time data analytics and system monitoring, guaranteeing peak asset performance. This closed-loop capability, from development through operation, establishes Hanersun as the trustworthy partner for driving clients' sustainable, high returns.

THROUGHOUT THE FULL PROJECT LIFECYCLE

Precise Development ♦
Diverse funding channels,
risk-aligned budgeting

Localized Design ♦
Proven expertise,
full-scene reliability framework

Stringent Sourcing
Hanersun-curated BOM,
professional global supply chain

♦ **Excellent Service**
Full-capability closure,
sustainable high returns

♦ **Smart O&M**
Real-time data analysis,
rapid fault troubleshooting

♦ **Lean Management**
End-to-end EPCM,
quality & risk dual control

ONE-STOP ENERGY SERVICES



GLOBAL CASES



56MW

Acarnania, Greece



Texas, USA **64.5MW**



Sa Kaeo, Thailand **50MW**



Guizhou, China **48MW**



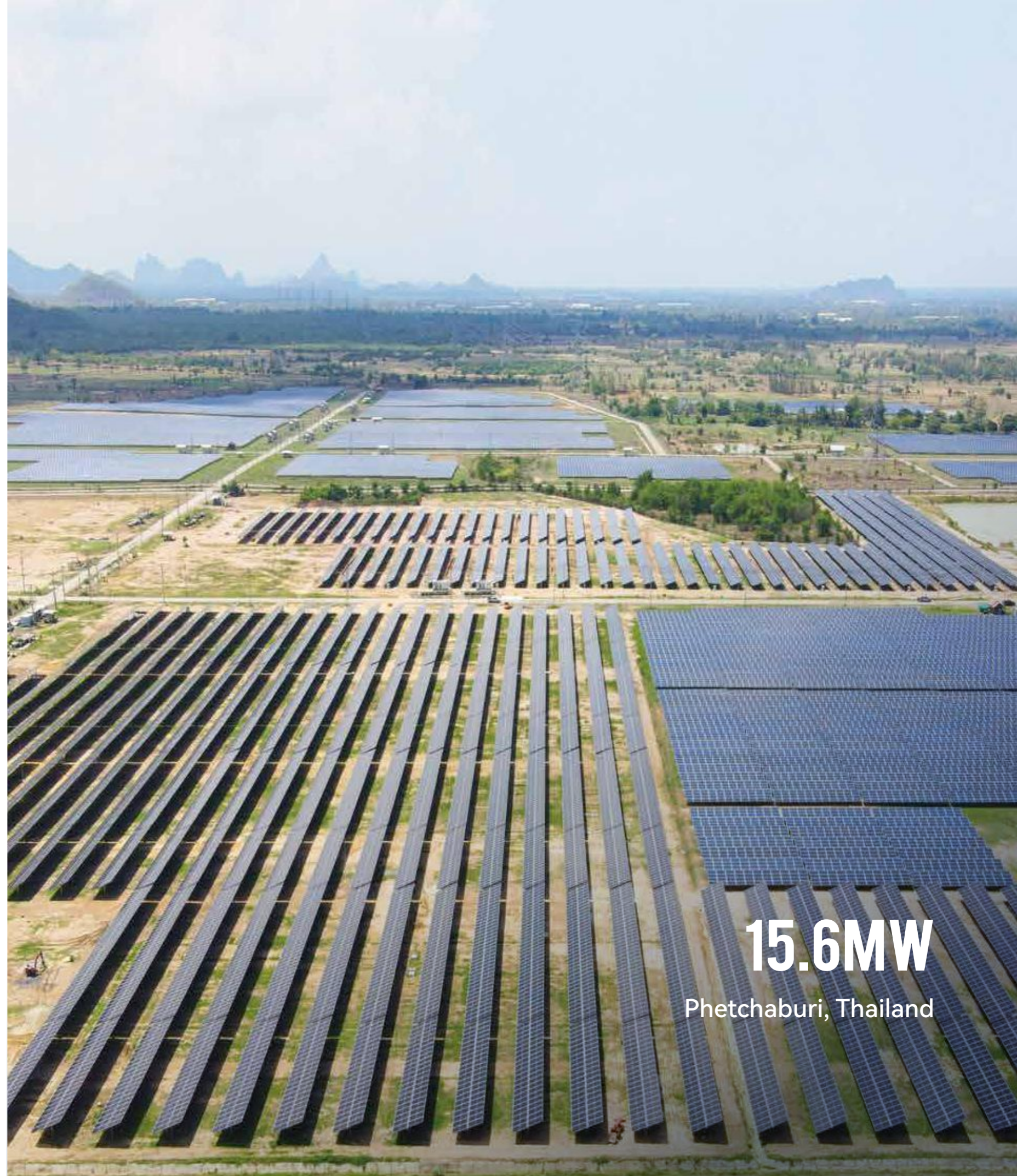
14.5MW Manila, Philippines



12MW Hokkaido, Japan



9.7MW Liminka, Finland



15.6MW
Phetchaburi, Thailand



12.4MW Doljevac, Serbia



11.2MW Bavaria, Germany



7.5MW Benešov, Czechia



15MW
Karlovo, Bulgaria



**NURTURING
COMMUNITY BONDS**



**DONATING FOR
EDUCATION**



**LIGHTING
RURAL RENEWAL**



**SUSTAINABLE
COMMITMENT**

*Make every ray of light
kindness across time*

