



About HT-SAAE

Today, HT-SAAE stands as an advanced engineering leader with USD 1.8 billion in assets. Our dedicated, 500-strong Photovoltaic R&D team has secured more than 200 technical patents, including 50 independent intellectual property rights.

This fuels our commitment to R&D investment aimed at constantly improving our manufacturing processes and products. This dedication ensures that our customers receive exceptional value and high-performance solar solutions.





Satelite program









Bloomberg Global PV Module Bankability Ranking



MILESTONE

2003

Establishment of Shanghai Solar Energy R&D centre

2005

laminating machine

Establish Shanghai Solar Energy

Engineering Research Centre

1999

First solar manufacturer to reach 5MW capacity

1970

First satellite launch with HT-SAAE solar module onboard

1960

Commenced Solar Research for satellite program

2015

PV vertical capacity reaches GW level. Awarded "Bloomberg TIER 1 Module Maker"

2014

Top 10 Chinese PV module supplier; Certified by TUV Rheinland.

2013

- -No.2 EPC in China
 -No.4 EPC Worldwide
- -Sinosure option to overseas market

2016

The "Galaxy" Twin Star N-type double-sided half cell battery module has been successfully launched;
Listed Bloomberg Tier 1Solar Module Maker

2017

CNAS (China National Accreditation Service for Conformity Assessment) Accreditation achieved for PV conversion efficiency 2024

Modules sales volume entering the top 20 globally

2023

SA8000 Certification awarded in recognition of the highest social standards.

2012

Established vertical integrated production

2010

Complete the first phase of Shen zhou in Lianyungang Construction of a 500MW Photovoltaic Base





CORE STRATEGY

Unleash solar potential with HT-SAAE PV







1000+ number of employees



Professional R&D team

Technology leader in the photovoltaic era Pioneering mass production of N-type products



Tier 1

BLOOMBERG BNEF

HT-SAAE facilities and products are tested and certified by the world's leading verification and certification company, SGS (General Society of Surveillance) is recognised as the global benchmark for quality and integrity.

The Lianyungang R&D Center, recognised by China National Accreditation Service (CNAS), adheres to international ISO standards. Our cutting-edge manufacturing processes comply with global Restriction of Hazardous Substances regulation (RoHs), resulting in lead free modules that mitigate this harmful toxin and safeguard our environment.

Additionally, we have attained the acclaimed SA8000 Social Responsibility System Certification which reflects our enduring commitment to social responsibility. This accomplishment follows meticulous audits conducted by Intertek, an accredited organisation recognised by SAI Global. We also ranked among the world's top performers in the 2024 PVEL test.





























CORE VALUES: RELIABILITY, VALUE-ADD, FULFILMENT

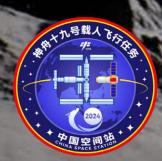
Fueling Progress through Innovation: Harnessing Reliability to Drive Value

At HT-SAAE we hold a fundamental truth dear in the landscape of innovation-driven development, value originates from the bedrock of reliability. This principle has steadfastly guided every member of the HT-SAAE team since 1960.

Reliability - The Foundation of Trust

Our commitment stands firm in delivering products and services that represent enduring reliability. We aim to be the cornerstone of trust for customers, dedicated employees, and stakeholders alike. This commitment resonates within us, both as individuals and as an orgnisation.





Value-Add - Cultivating Excellence in All Endeavours

Our dedication and innovation lead to excellence in technology, enriching the value, quality, and reliability we provide to all stakeholders. We take pride in offering customers valuable, highly cost-effective products and services.

Fulfilment - Nurturing Relationships, Fostering Harmony

At the core of our enterprise lies a sincere connection with customers, supporting enduring relationships. Our approach towards employees is built on respect, shared understanding, and open communication.

Fostering an atmosphere akin to the 'HT-SAAE family' – a haven of trust and inclusiveness. Our engagement with stakeholders champions a partnership characterised by transparency and goodwill.

HT-SAAE GLOBAL BUSINESS NETWORK





Photovoltaic Italy S.R.L 2 Inner Mongolia

HT-India

Lianyungang 3 6 HT- Japan
4 HT SAAE Shanghai
5 Shanghai HT Holding
HongKong Ltd.

HT-SAAEUSA 8

HT-SAAE Brazil 9



7 HT- Australia

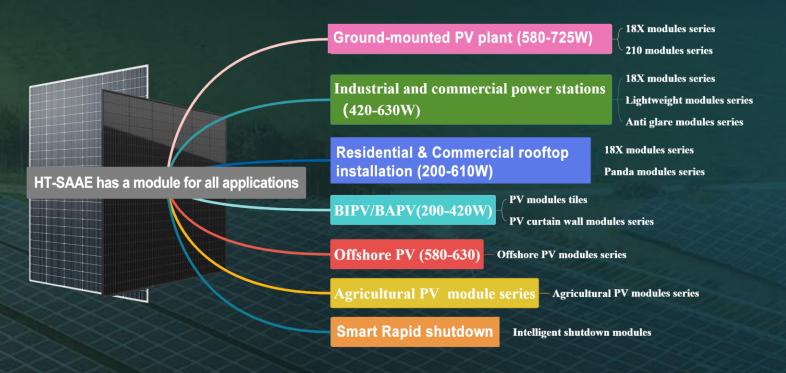
9 offices

4 factories



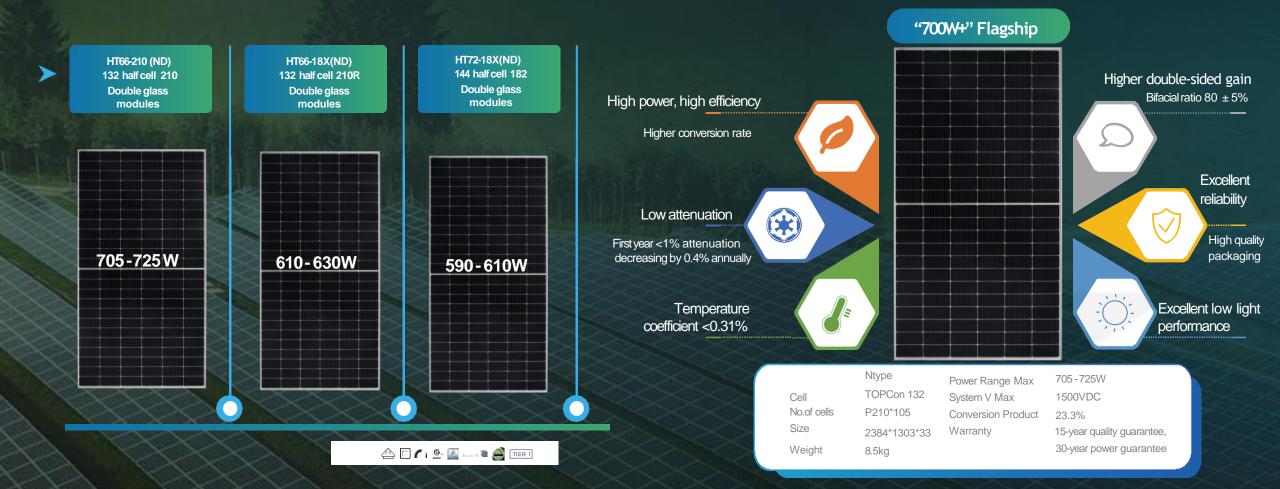
LEADING MANUFACTURER







PV MODULES FOR UTILITEIS





PV MODULES FOR RESIDENTIAL & C&I

HT54-18X(N/ND) 108 half cell 182 battery Single/Double glass modules

1722*1134*30 1762*1134*30

450 - 470 W

HT48-18X(N/ND) 96 half cell 210R battery Single/Double glass modules

1762*1134*30

450 - 470W

HT60-18X(N/ND) 120 half cell 182 battery Single/Double glass modules

1909*1134*30

495-515W

HT72-18X(N/ND) 144 half cell 182 battery Single/Double glass modules

2278*1134*33

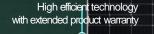
595 - 615W

HT66-18X(N/ND) 132 half cell 210R battery Single/Double glass modules

2382*1134*33



Industrial and Commercial Power Generation Modules



Lower electricity cost, higher return on investment

High power modules

Application of N-type rectangular cells technology

Attractive Black Aesthetic

Flexible handling and installation < 2sqm in size

Application of N-type rectangular cells technology



Size 2278*1134*33 Conversion rate 23.6 %
Output 595-615W 15/30-year quality assurance
Weight 32.5kg 30-year power guarantee

HT54-18X(N)

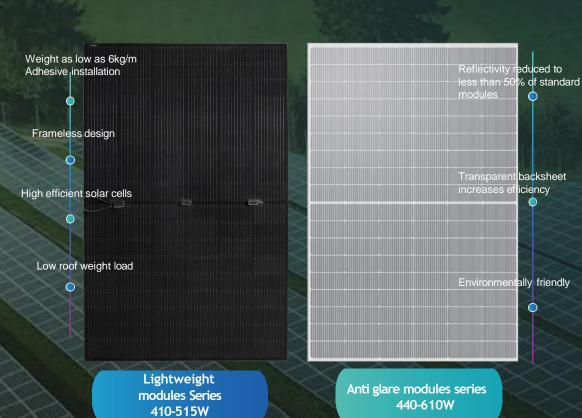
Size 1762*1134*30 conversion rate 23.3 %

Output 445-470W 15/30-year quality assurance

Weight 21.0kg 30-year power guarantee



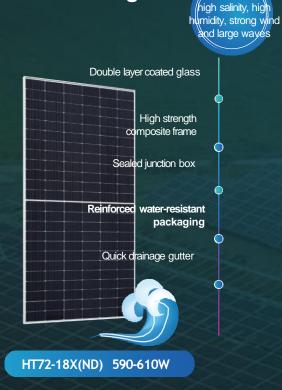
INNOVATIVE PRODUCTS







PV Tiles



Floating PV



intelbras



























Green Technology



GLOBAL PARTNERS



PROJECTS - Utilities





PROJECTS - Utilities





PROJECTS – Commercial and Industrial





PROJECTS – Commercial and Industrial







INNOVATIVE PV PROJECTS











INNOVATIVE PV PROJECTS



