

A large, abstract graphic element dominates the upper half of the page. It consists of a large, curved shape that is orange on the left and transitions into a lighter, semi-transparent orange on the right. The orange portion has a subtle grid pattern, resembling a solar panel or a mesh. The shape is set against a white background with soft, greyish curves at the bottom.

Designed for Trust

Gstar Company Brochure



**Being A Trusted
Global New Energy
Solution Provider**

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About Gstar

01

ABOUT US



Gstar

Founded in 2019 and backed by Standard Energy Group, Gstar is one of the most competitive solar brands in the market, delivering high-performance modules built on quality, innovation, and reliability. Close collaboration with upstream and downstream supply chains ensures every module meets the highest quality standards, with full traceability from raw materials to end users.



Own Factory

4GW Module Capacity



U.S. Warehouses

Los Angeles & Houston



Wide Power Range

100W to 740W



Global Certifications

ETL, UL, CE, TUV and more

GLOBAL PRESENCE

Headquarter

Singapore

Global Bases

Singapore **Module Manufacturing Base**

Philippines **Module & PV Cell Manufacturing Base**

Indonesia **Wafer Manufacturing Base**

Laos **Aluminium Frame Manufacturing Base**

Vietnam **Wafer Manufacturing Base**

Thailand **Aluminium Manufacturing Base**

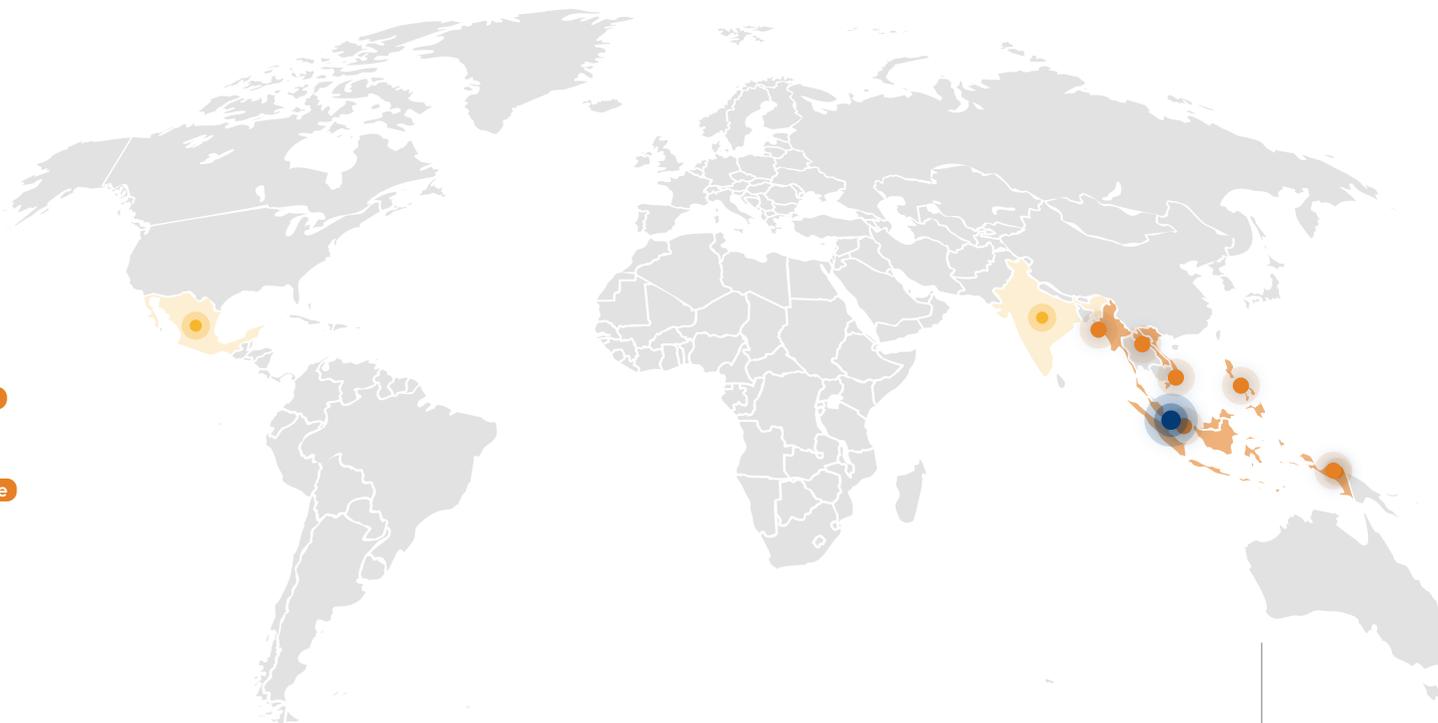
Service Center

U.S. India

Mexico

NA U.S. Canada Mexico APAC India Taiwan, CN Japan
EU Spain Germany Italy MENA UAE North Africa
UK France Poland

Market



CAPACITY LAYOUT



PV
MODULE
4 GW
Singapore 1GW
Philippines 3GW

**Backed by Standard Energy's
Integrated PV Supply Chain**

Philippines

PV CELL

1.5 GW



Indonesia

INGOT

3 GW

WAFER

3 GW



Laos

ALUMINUM PROFILE

3 GW



Thailand

ALUMINUM PROFILE

7 GW



Vietnam

WAFER

3 GW



Products & Solutions



PV MODULE SERIES

P-Type Series

- MBB Technology
 - High Density Interconnection
 - Nondestructive Cutting Technology
 - Low Degradation
-

N-Type Series

- Ultra low degradation
 - Excellent Anti-PID performance
 - Lower LCOE and BOS cost
 - Excellent temperature coefficient
-

Designed Series

- CleanEdge Module-Full screen and self-cleaning design
- LightEdge Module-Ultra thin, Ultra Light
- Portable Module-Foldable design, plug and play



PV MODULE SERIES

Full Power Coverage for All Applications

Module Type		 Residential Selection	 Commercial Selection	 Utility-Scale Selection
PERC Module	Standard Type	100W/200W/410W/415W	460W/505W/550W/585W	600W/670W
	LightEdge	110W		
N-Type Module	CleanEdge	440W	455W/630W	
	Standard Type	100W/200W/440W	455W/490W/595W/630W	640W/720W/740W(HJT)

For detailed specifications of each module, please contact our sales team or visit our website to download the datasheet.

PARTNERING IN AMERICA'S ENERGY TRANSITION

Gstar is strengthening its presence in the **U.S.** solar market.

 **100+** Projects

Proven Track Record

Delivered 100+ U.S. residential and C&I solar projects, demonstrating scale, reliability, and market commitment

 **20+** U.S. Distributors, Installers and EPC's

Trusted Partnerships

Strong local network to deliver reliable solar solutions

Aligned with U.S. Energy Policies



- Fully compliant with U.S. trade and energy regulations
- Not classified as a Foreign Entity of Concern (FEOC)
- Ensures a secure and trusted supply chain for customers

U.S. Manufacturing & Warehousing

- **1GW** PV module manufacturing facility
- **2** strategically positioned warehouses for fast delivery



PROJECT REFERENCE

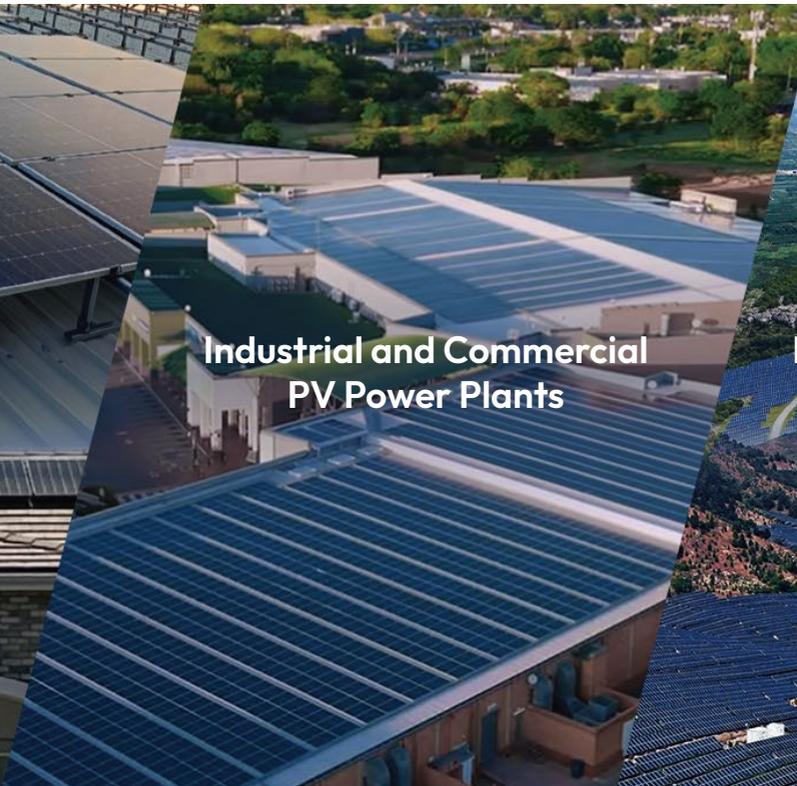
Gstar's high-performance solar modules have been installed on thousands of rooftops, earning widespread praise for their reliability and efficiency. Our solutions continue to provide long-term value to homeowners, businesses, and large-scale utility projects, driving the global transition to clean, renewable energy.



**Outdoor
PV Power System**



**Residential
PV Power Plants**



**Industrial and Commercial
PV Power Plants**



**Large-scale Terrestrial
PV Power Plants**



03

**Innovation &
Quality Assurance**

PRODUCT R&D



Innovative Patents

Gstar frequently develops innovative patents. Our "CleanEdge" modules, featuring a frameless front design, have been granted patents by the USPTO (USA) and EUIPO (EU). This unique design effectively prevents water and dust accumulation, enhancing energy generation while reducing operation and maintenance costs.



Diverse Module Development

Gstar is committed to the development of diverse module designs. Our various module configurations balance electrical parameters, weight, and other performance metrics, improving system compatibility during installation. This ensures we can offer tailored photovoltaic module solutions for different application scenarios, meeting the needs of a wide range of customers.



Keepgoing Cells Technology Research

We continue to deepen our research in cell technologies, with full coverage across the N-type domain. Our advancements in TOPCon, HJT, and BC technologies ensure we stay at the forefront of solar cell innovation.



Integration Systems Development

Looking ahead, Gstar is focused on the continuous research of integrated photovoltaic systems, striving to provide our clients with comprehensive, reliable, and innovative solutions for the evolving solar energy landscape.

SMART MANUFACTURING

The Overseas Vertically Integrated Smart Factory: 'Smart Manufacturing' In Photovoltaics



Professional staff



Advanced equipment



High degree of automation



Efficient production processes



Intelligent production



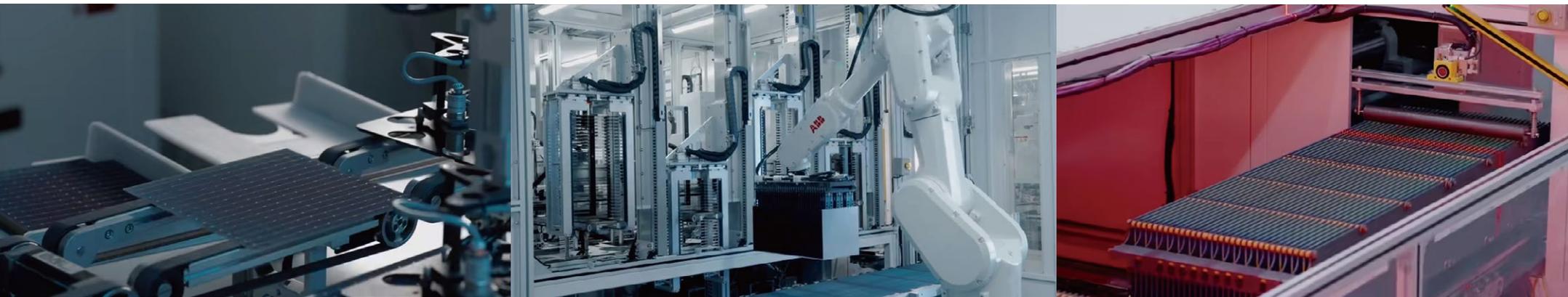
Big data support



Production Line Flexibility



Automatic monitoring
of the entire process



QUALITY ASSURANCE

Product Quality

- High-quality solar products with rigorous testing
- Strict quality control (IQC, IPQC, FQC, OQC) to ensure consistency

Warranty

25 Year

Product warranty

30 Year

Linear power warranty for long-term performance and energy output

Industry Recognition



2024 RETC
"Overall Highest Achiever"



Global Top 500
New Energy Enterprises



Member of SEIA
(Solar Energy Industries Association)



Dun & Bradstreet
Registered



Certifications

Key Certifications



ISO9001 Quality Management Systems

ISO14001 Environmental Management Systems

ISO45001 Occupational Health and Safety Management Systems

Global Certifications



04

Proven Reliability



MARKET FEEDBACK

At major international PV exhibitions, Gstar's products have garnered significant attention for their innovation and efficiency. Industry professionals and attendees have praised the cutting-edge technology, high performance, and aesthetic appeal of our solutions. Our integrated supply chain and commitment to sustainability were also highlighted as key differentiators, reinforcing our reputation as a leader in the renewable energy sector.



CUSTOMER FEEDBACK

Distributor Feedback

“We are very satisfied with the quality and performance of Gstar PV modules. They effectively meet the growing demand for high-efficiency, cost-effective renewable energy solutions here in California. Your team has been easy to work with, providing smooth order processing and excellent customer support. This has strengthened our confidence in Gstar brand and has helped us better serve the needs of our local market. We look forward to continuing our successful partnership.”



E-store Customer Feedback



★★★★★

Reviewed in the United States on January 31, 2025

Size: 100W Solar Panel

My wife and I really like this product, This product is so amazing. This product is so wonderful.



★★★★★

Reviewed in the United States on January 31, 2025

Size: 100W Solar Panel

My wife and I really like this product, This product is so amazing. This product is so wonderful.



★★★★★

Reviewed in the United States on January 12, 2025

Size: 2Pcs 100W Solar Panel

This is a nice 100w solar panel. I hooked it up to a Portable Power Station and it charged at the full 100w with full sun. So issues seems well made.



★★★★★

Reviewed in the United States on February 5, 2025

Size: 100W Solar Panel

So far this one is smaller than my older 100 watt panels but it's putting out the same amount of power. it's one of four solar panels to charge a battery and power two fans in a greenhouse. 2 in series and then in parallel. Working good so far.



★★★★★

Reviewed in the United States on January 3, 2025

Size: 100W Portable Solar Panel

This unit is light, easy to hook up, has several adapters to choose from. It also appears to be compatible with our other external solar panels and our on board system.

We used it to charge a Jackery 500. The Jackery was at 64% at 9:15 am. We placed the panel in full sun and ensured it remained in full sun. The Jackery reached 100% at 2:00 pm. We had 28 watts coming in at full sun with no clouds today.

RELIABLE SERVICE ASSURANCE

Deep Globalization & Rapid Response to Customer Needs



**Flexibility and
Customization
Capability**



**Responsiveness is
Guaranteed**



**Efficient Delivery
Cycle
Guarantee**



**Timely
Communication
and Coordination**

BEING A TRUSTED GLOBAL NEW ENERGY SOLUTION PROVIDER



E-mail info@gstar-solar.com

Web www.gstarsolar.com



LinkedIn



Facebook



X



YouTube



Amazon Store