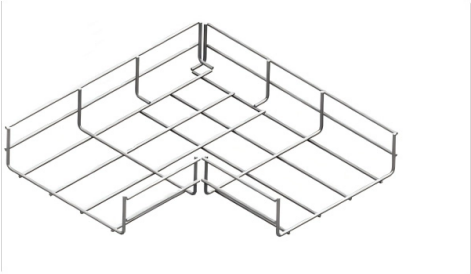
Photovoltaic Integrated Module Manufacturer



Overview

2025 Top 20 Global Photovoltaic Module Manufacturers During the conference, PVBL announced its annual ranking of the top 20 global photovoltaic module manu.

Key Takeaways

Leading manufacturers of photovoltaic integrated modules include First Solar, Onyx Solar, JinkoSolar, LONGi, Trina Solar, and JA Solar, offering BIPV and high-efficiency PV solutions.

Top BIPV Manufacturers

Building Integrated Photovoltaics (BIPV) integrate solar modules directly into building structures, replacing conventional elements like roofs, facades, and canopies while generating electricity. The top BIPV manufacturers in 2026 include First Solar, Onyx Solar, and HIITIO, which combine photovoltaic technology with architectural design to provide sustainable, aesthetically pleasing solutions for residential, commercial, and industrial buildings. These companies offer products such as PV roofs, PV facades, and PV fences, which serve both functional and energy-generation purposes.

Leading Global PV Module Manufacturers

For conventional and high-efficiency PV modules, the top global manufacturers in 2025–2026 are dominated by Chinese and international companies with strong vertical integration and large-scale production capabilities: JinkoSolar: Leading in TOPCon module technology, shipping over 90 GW globally.



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LON

Gi: Known for high-efficiency Back Contact (BC) modules, shipping 82. 32 GW. Trina Solar: Focused on R&D and technological innovation, shipping over 70 GW.

J

A Solar: High-volume shipments exceeding 70 GW, with global market presence. First Solar: U. S.-based, specializing in thin-film modules and BIPV solutions.

Onyx Solar: Specializes in custom BIPV products for architectural integration. Canadian Solar: Focuses on high-margin markets with vertically integrated production.

Tongwei and CHIN

T (Astronergy): Vertically integrated Chinese manufacturers with shipments of 40–45 GW. These manufacturers are selected based on technological capability, vertical integration, delivery reliability, and global presence, ensuring stable production and long-term performance for both conventional PV and integrated BIPV applications. Considerations for Choosing a ManufacturerWhen selecting a photovoltaic integrated module manufacturer, consider: Integration capability: Ability to provide modules that function as part of the building envelope.

Efficiency and technology: TOPCon, HJT, IBC, or thin-film technologies for higher energy yield. Production scale and reliability: Vertically integrated manufacturers can better manage supply chain fluctuations and ensure timely delivery. Aesthetic and functional design: Especially important for BIPV applications where modules replace architectural elements.

By evaluating these factors, users can select manufacturers that provide high-quality, durable, and efficient PV modules suitable for both conventional and integrated solar power generation projects.

Article Content

2025 Top 20 Global Photovoltaic Module Manufacturers

During the conference, PVBL announced its annual ranking of the top 20 global photovoltaic module manufacturers. In 2024, the global solar module

Top 10 BIPV Manufacturers in 2026

As a leading manufacturer of Building Integrated Photovoltaics (BIPV), it specializes in extending clean energy generation to your curtain walls,

2024 Top 20 Global Photovoltaic Module Manufacturers

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On the first day of the conference, PVBL''s annual ranking of the Top 20 Global Photovoltaic Module Manufacturers was announced. The revenue of

The World''s Leading Supplier of Solar PV Solutions

Vertically Integrated Solar PV Value Chain LONGi''s technological and manufacturing leadership in solar wafers, cells and modules underscores our commitment to helping accelerate the clean energy

Top ten solar manufacturers shipped over 500GW of modules in 2025

To uncover the story behind the evolving top ten PV module manufacturers (by shipments), we must first understand the forces that have shaped today''s PV market landscape.

List of photovoltaics companies

Photovoltaics companies include PV capital equipment producers, cell manufacturers, panel manufacturers and installers. The list does not include silicon manufacturing companies.

Top 10 List of Solar PV Module Manufacturers in 2026

Discover the top 10 solar PV module manufacturer companies in 2025, featuring American-made solar panels and industry leaders like First Solar and LONGi

G-Star Pte.Ltd. | solar photovoltaic panels | solar photovoltaic ...

G-STAR is a technology-based enterprise specializing in photovoltaic power generation solutions, realizing vertically integrated R&D, design, production and sales from silicon wafers, cells to

Mose Solar

Photovoltaic Module Manufacturing A single solar cell can be fragile and can produce a limited amount of power. In reality, PV modules are created by

Trinasolar

Integrity and reliability are the lifeblood of enterprise development, and winning with quality is the secret of Trinasolar to become the world''s leading

pvsolarstore

pvsolarstore offers a wide range of high-quality solar products and solutions, including PV modules, energy storage systems, microinverters, and accessories for sustainable energy needs.

China highlights two perovskite projects in 2026 national smart PV

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China''s Ministry of Industry and Information Technology (MIIT), together with four other key government bodies, has announced its 2026 list of typical smart photovoltaic (PV) projects,

Latest Solar Panel Technology 2026: Trends & Innovation

Explore the latest solar panel technology in 2026, from perovskite tandem cells and bifacial panels to flexible solar, transparent PV glass, and AI-powered smart

Yingli Energy Development Co., Ltd

Global leading photovoltaic smart energy solution provider Yingli Energy Development Co., Ltd. is one of the earliest companies in China to commit to the

WebProcure

WebProcure offers best-in-class functionality, reaching end-to-end from requester to procurement buyer to merchant, and all the way back! Designed specifically for the public sector.

Top 10 Global Photovoltaic Module Manufacturers in 2025

Based on the 2025 market shipment forecast and technology analysis, this report provides an in-depth overview of the world''s top 10 photovoltaic module manufacturers to help

Top 10 BIPV Manufacturers in 2026

Discover the leading Building Integrated Photovoltaic (BIPV) manufacturers of 2026. This comprehensive guide explores the top 10 global companies—such as First Solar, Onyx Solar, and

2025 Top 20 Global Photovoltaic Module Manufacturers Revealed by

PVTIME – On 10 June 2025, the PVBL 2025 Global Top 100 Solar Brands rankings and the PVBL 2025 Global Solar Brand Influence Report were unveiled at the 10th Century Photovoltaic Conference in

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