



# Ranking of photovoltaic panel construction manufacturers





## Overview

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Wood Mackenzie's score-based ranking assessed more than 40 leading module manufacturers across 10 countries. These companies accounted for 62% of global production capacity and 89% of global module shipments in 2024, highlighting the concentrated nature of the industry's top. Whether you are installing solar for your home, business, or a large-scale project, knowing the top brands helps you avoid costly mistakes from low-yield systems. In this article, we list the top 12 solar PV panel manufacturers we vouch for. These 12 suppliers are known for their durability.

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 Shanghai, China. During the conference, PVBL announced its annual ranking of the top 20 global photovoltaic. During the first three quarters of 2025, the photovoltaic industry has reached a new balance among the leading manufacturers. Although Chinese companies continue to dominate, changes in rankings and technological strategies reveal a deep transformation within the solar sector. Harnessing solar power is not only a necessity but also a much-needed enabler of the global energy transition. For developers and investors, selecting a manufacturer with mature technology, stable service, and strong local support has become a key factor in ensuring project returns and mitigating.



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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 ...

### [Solar Panel Manufacturers 2025: Global And US Leaders](#)

Discover the top solar panel manufacturers in 2025. Compare global leaders with US producers and explore wholesale sourcing options.



### [Top 10 solar panel manufacturers 2025 by global ...](#)

Discover the top 10 solar panel manufacturers by global shipments in 2025. Ranking with Jinko, LONGi, Trina, and JA Solar

### [2025 Top 20 Global Photovoltaic Module Manufacturers Revealed by ...](#)

The rankings assess not only market performance and financial metrics, but also innovation capability, social responsibility, and sustainable development, reflecting the industry's ...



### 2025 solar ranking , Wood Mackenzie

Wood Mackenzie's score-based ranking assessed more than 40 leading module manufacturers across 10 countries. These companies accounted for 62% of global production ...



### [Top 10 Photovoltaic Panel Manufacturers Ranking 2024: Key Insights](#)

Whether you're a homeowner, business operator, or renewable energy investor, choosing the right photovoltaic panel manufacturer directly impacts system efficiency and ROI. This ranking analyzes ...



### [Who are the top 10 photovoltaic module producers in the world?](#)

According to Wood Mackenzie, the top 10 photovoltaic module producers now have enough combined capacity to meet the global annual demand for new panels. These companies ...



### Top 12 Solar Panel Manufacturers in 2026



In this article, we list the top 12 solar PV panel manufacturers we vouch for. These 12 suppliers are known for their durability, warranty strength, and global reputation.



## Top Solar Panel Manufacturers in 2025

This guide compiles the top solar panel manufacturers, ranks the leaders by power shipments, and explains which company profiles are best suited for different project types.

### [Top 10 List of Solar PV Module Manufacturers in 2025](#)

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





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