

Ranking of large silicon wafer photovoltaic panel manufacturers



Overview

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 . 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 silicon . The Global Silicon Material for Solar Cell Market was valued at USD 9. 8 Billion in 2024 and is projected to reach USD 15. 6% during the forecast period (2024-2030). These wafers are essential components in photovoltaic cells, influencing overall panel performance and cost-effectiveness. In recent years, global production of crystalline silicon modules exceeded five hundred gigawatts, nearly doubling the previous year. Mordor Intelligence expert advisors conducted extensive research and identified these brands to be the leaders in the Solar Photovoltaic Wafer industry.

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[Top 10 Companies in the Silicon Material for Solar Cell Industry \(2025\)](#)

In this blog, we profile the Top 10 Companies in the Silicon Material for Solar Cell Industry - a dynamic mix of established chemical giants and specialized producers shaping the

2025 solar ranking , Wood Mackenzie

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Top Large

The Large- PV Silicon Wafer (G1M6M10G12) segment is critical for solar energy production, especially as demand for high-efficiency panels grows.

Solar Panel Manufacturers 2025: Global And US Leaders

This guide compares leading solar panel manufacturers worldwide, examines the resurgence of US manufacturing, and shows how businesses can source panels wholesale.



Top 100 Solar Wafer Manufacturers in 2026 , ensun

Identify and compare relevant B2B manufacturers, suppliers and retailers. Max.

Tongwei is a leading manufacturer in the photovoltaic industry, specializing in high-purity crystalline silicon and high

Photovoltaic Silicon Wafers

Chapter 2: Detailed analysis of Photovoltaic Silicon Wafers manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.



[2025 Top 20 Global Silicon Material/Wafer 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

Silicon Wafer for Photovoltaic

This report aims to provide a comprehensive presentation of the global market for Silicon Wafer for Photovoltaic, focusing on the total sales volume, sales revenue, price, key companies



Solar Photovoltaic Wafer Companies

This report lists the top Solar Photovoltaic Wafer companies based on the 2023 & 2024 market share reports. Mordor Intelligence expert advisors conducted extensive research and identified these

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