
Major customers of solar glass in ASEAN

How big is the Solar Photovoltaic Glass market?

Image © Mordor Intelligence. Reuse requires attribution under CC BY 4.0. The solar photovoltaic glass market size reached 32.10 million tons in 2025 and is forecast to reach 74.75 million tons by 2030, advancing at an 18.42% CAGR between 2025 and 2030.

Which countries dominate the Solar Photovoltaic Glass market in 2024?

Asia-Pacific dominates the solar photovoltaic glass market with 62% of global volume in 2024 and is set to expand at 19.90% CAGR to 2030. China's investment guidelines, finalized in late 2024, reward high-efficiency manufacturing and sustainability compliance, incentivizing upgrades to larger float baths and plasma sputtering lines.

What is the market size of Solar Photovoltaic Glass in 2024?

By manufacturing process, float lines delivered 68% of 2024 volume; rolled glass is forecast to post a 19.70% CAGR to 2030. By solar technology, crystalline silicon held 91% share of the solar photovoltaic glass market size in 2024, whereas CIGS cells are expected to grow at 23.61% CAGR between 2025 and 2030.

How can manufacturers defend profitability in the Solar Photovoltaic Glass market?

Manufacturers now compete on scale, logistics efficiency, and coating innovation to defend profitability in the solar photovoltaic glass market. Cumulative solar capacity reached 1.6 TWdc in 2023, up 89% on 2022, while building-integrated photovoltaics (BIPV) gained momentum.

Uncertainty and delay affected the success of solar policies in some ASEAN member states. Adoption of the FiT scheme for early-stage PV development and the ...

The Asia Pacific Solar Photovoltaic Glass Market would witness market growth of 28.3% CAGR during the forecast period (2024-2031). The China market dominated the Asia Pacific Solar ...

The Asia-Pacific Flat Glass Market was valued at USD 68.46 Billion in 2024 and is projected to reach USD 95.73 Billion by 2030, growing at a CAGR of 5.59% during the ...

Major Drivers, Trends and Challenges National solar programs are one of the biggest factors shaping manufacturing momentum. India's 450 GW renewable target by 2030 and ASEAN ...

In this blog, we profile the Top 10 Companies in the Southeast Asia BIPV Glass Industry --innovators who are redefining urban landscapes with their advanced solar glass ...

The Asia Pacific Solar Photovoltaic Glass Market would witness market growth of 28.3% CAGR during the forecast period (2024-2031). The ...

South East Asian countries are blessed with abundant solar energy potential. Yet, the solar photovoltaic potential remains underutilized. There are certain roadblocks in the ...

The Solar Photovoltaic Glass Market is expected to reach 32.10 million tons in 2025 and grow at a CAGR of 18.42% to reach 74.75 million tons by 2030. Xinyi Solar Holdings ...

Third, Chinese FDI in ASEAN will be shaped by China's economic performance. The sharp drop in China's solar FDI to ASEAN in 2024 was likely driven (or at least affected) ...

Jakarta, 15 May - Modern, flexible and interconnected grids can help ASEAN achieve a resilient market where solar and wind can be the solutions for ensuring energy security. The grid routes ...

The Asia Pacific solar photovoltaic glass market was valued at US\$ 2.4 Billion in 2024 and is expected to register a CAGR of 28.6% over the forecast period and reach US\$ 23.1 Billion in ...

Southeast Asia solar photovoltaic glass market is estimated to reach \$27.9 billion by 2032, exhibiting a CAGR of 30.1% from 2023 to 2032. Increase ...

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