



# Photovoltaic solar panels market

What is the global solar photovoltaic (PV) market size?

The global solar photovoltaic (PV) market size was USD 316.78 billion in 2023. The market is expected to grow from USD 399.44 billion in 2024 to USD 2,517.99 billion by 2032 at a CAGR of 25.88% over the forecast period (2024-2032). Asia Pacific dominated the solar photovoltaic (PV) market with a market share of 49.16% in 2023.

How big is the solar photovoltaic market in 2025?

Solar Photovoltaic market was valued at USD 323.5 billion in 2025. The market is expected to grow from USD 345 billion in 2026 to USD 694.5 billion by 2035, at a CAGR of 8.1% from 2026 to 2035. Integrating solar PV into agriculture and business operations is poised to drive product demand.

How much is the US solar PV market worth?

The U.S. solar PV market was valued at USD 28.2 billion, USD 29.1 billion, and USD 30.3 billion in 2023, 2024, and 2025, respectively. As of 2025, North America holds a market share of 9.8% which is anticipated to improve further by 2035.

Why is the global solar PV market growing?

The increasing focus on clean electricity through solar PV targets is a major driver of growth in the global solar PV market, as governments worldwide set ambitious renewable energy and decarbonization goals to reduce dependence on fossil fuels and meet climate commitments.

On Grid hold the largest market share of 84.0% in 2025. The on-grid solar PV panels market grows as utilities, businesses, and governments seek reliable and economical electricity ...

In the photovoltaics market, factors such as growth in the adoption of PV systems for residential applications, decreasing costs of PV systems, and advancements in energy storage devices are ...

The solar photovoltaic market size crossed USD 323.5 billion in 2025 and is expected to grow at a CAGR of 8.1% from 2026 to 2035, driven by integration of solar PV across agriculture and business ...

The Global Solar PV Panels Market size was valued at \$198.91 Billion in 2025 and it will grow \$456.09 Billion at a CAGR of 9.66% by 2025 to 2034

Asia Pacific dominated the solar photovoltaic (PV) market with a market share of 53.19% in 2025. The Solar PV market in the U.S. is projected to grow significantly, reaching an estimated ...

The global solar PV panels market size was exhibited at USD 170.26 billion in 2023 and is projected to hit around USD 360.83 billion by 2033, growing at a CAGR of 7.8% during the forecast period of ...

On Grid hold the largest market share of 84.0% in 2025. The on ...



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The global market for solar photovoltaic (PV) panels stands at a pivotal juncture, transitioning from a policy-driven industry to a cornerstone of mainstream energy economics. This ...

The global Photovoltaic Solar Panel Market, valued at \$489.5 billion in 2026, is forecasted to grow to \$1723.8 billion by 2035, at a CAGR of 15.01%.

Market Overview According to DIResearch's in-depth investigation and research, the global Solar Photovoltaic (PV) Panels market size will reach 58,438 Million USD in 2026 and is ...

The Global Solar PV Panels Market size was valued at \$198.91 ...

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