



Solar inverter industry development trend

How will the PV inverter market grow in 2035?

As per FMI's analysis, the PV inverter will grow at a CAGR of 6.4% and reach USD 3.2 billion by 2035. In 2024, the PV inverter market experienced consistent growth as a result of increasing solar installations in Asia-Pacific (particularly China and India) with government incentives and declining solar panel prices.

Why is solar PV inverter market development important?

Presently, solar PV inverters majorly find applications in the utilities and industrial sectors. Rising solar PV adoption, driven by improving cost competitiveness and energy transition policies, has been a significant factor for driving solar PV inverter market development.

What is the global solar PV inverters market size?

Reuse requires attribution under CC BY 4.0. Image © Mordor Intelligence. Reuse requires attribution under CC BY 4.0. The Solar PV Inverters Market size is estimated at USD 14.27 billion in 2025, and is expected to reach USD 19.89 billion by 2030, at a CAGR of 6.87% during the forecast period (2025-2030).

What is the growth rate of solar PV inverter market in 2024?

By inverter type, central systems commanded 55% revenue share in 2024, while microinverters are projected to register the fastest 8.1% CAGR by 2030. By application, utility-scale installations accounted for 63% of the solar PV inverter market size in 2024, while residential is set to grow at a 7.6% CAGR through 2030.

Solar PV Inverters Market in North America Solar PV Inverters Market in Europe Solar PV Inverters Market in Asia-Pacific Solar PV Inverters Market in South America Solar PV Inverters Market in Middle East & Africa

The European solar PV inverters market has demonstrated steady growth with an approximate 3% CAGR from 2019 to 2024, driven by the region's ambitious renewable energy targets and commitment to carbon neutrality. The market is characterized by sophisticated technological requirements and high-quality standards, particularly in countries like Germany... See more on [mordorintelligence](#).

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The solar PV inverter market attained a value of USD 8.87 Billion in 2025. The industry is expected to grow at a CAGR of 5.00% during the forecast period of 2026-2035. By 2035, the market is expected ...

Solar PV Inverters Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031) The Solar PV Inverter Market Report is Segmented by Inverter Type (Central Inverters, String ...

PV Inverter Market (2024 - 2030) Size, Share & Trends Analysis Report By Product (String PV Inverter, Central PV Inverter), By End-use (Commercial & Industrial, Utilities), By Region, And Segment ...

The global PV inverter market was valued at USD 34.6 billion in 2024 and is estimated to grow at a CAGR of 9.5% from 2025 to 2034.

The solar inverter market report provides an extensive analysis of market segmentation, technological evolution, regional performance, competitive landscape, and investment trends.

Solar Inverter Market to reach USD 18.93 billion, at a 5.70% CAGR during 2025 - 2035. Global hybrid solar inverter market Growth analysis by industry size, share, top companies, trends, new ...

PV Inverter Market Forecast and Outlook from 2025 to 2035 The PV inverter generators industry is valued at USD 1.7 billion in 2025. As per FMI's analysis, the PV inverter will grow at a ...



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Global solar inverter market size is estimated at USD 15.33 billion in 2026, set to expand to USD 36.74 billion by 2035, growing at a CAGR of 10.2%.

Solar PV Inverter Market Size, Share & Trends Analysis Report By Inverter Type (String Inverters, Micro Inverters, Central Inverters), By Application (Commercial and Industrial, Utility-scale, Residential) ...

Comprehensive analysis of the Solar PV Inverters Market from 2025 to 2035. Covers key trends, product insights, competitive landscape, pricing forecasts, sustainability impact, and future ...

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