



PV Inverter Outlook 2025

What was the market size of PV inverter in 2024?

The market size for PV inverter was valued at USD 34.6 billion in 2024 and is projected to reach USD 90 billion by 2034, growing at a CAGR of 9.5% during the forecast period. What was the market share of the three-phase segment in 2024?

How big is the global PV inverter market?

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 paradigm shift toward the integration of renewable energy resources will fuel the adoption of efficient systems.

Will the global solar inverter market contract in 2025?

The global solar inverter market is set to contract over the next two years, according to analysis from Wood Mackenzie. The consultancy is forecasting the market will fall to 577 GWac in 2025, a 2% year-on-year decrease, followed by a further 9% drop to 523 GWac in 2026.

Will the global solar inverter market fall in 2026?

Wood Mackenzie's latest analysis expects market uncertainty in China, Europe and the U.S. to cause two consecutive years of contraction in the global solar inverter market, forecasting a fall to 577 GWac this year and 523 GWac in 2026. Image: Lauri Veerde, Wikimedia Commons, CC BY-SA 4.0

Annual PV Deployment in 2024 (554 GWdc to 602 GWdc) Note: China's National Energy Administration reports values in Wac. Therefore, there is uncertainty in Wdc capacity due to differing ...

From 2025-2030, our base case outlook puts total solar deployments at 246 GWdc - virtually unchanged from our Q3 2025 outlook. While our commercial and community solar outlooks ...

The IEA PVPS Trends in Photovoltaic Applications 2025 report provides comprehensive data and analysis on global PV deployment, technology, and market evolution from 1992 to 2024.

Solar PV Inverters Market Analysis (2025-2035): Trends, Segmentation, and Future Outlook Comprehensive analysis of the Solar PV Inverters Market from 2025 to 2035. Covers key ...

MARKET INSIGHTS The global PV inverter market was valued at USD 5.91 billion in 2025 and is projected to reach USD 13.21 billion by 2032, exhibiting a CAGR of 12.5% during the forecast period. ...

The global solar inverter market is set to contract over the next two years, according to analysis from Wood Mackenzie. The consultancy is forecasting the market will fall to 577 GWac in ...

Global Solar PV Inverter State of the Market 2025 - This report provides insight into the global and regional PV inverter markets, presenting a detailed breakdown of 2024 full-year shipment ...



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The PV inverter market size crossed USD 34.6 billion in 2024 and is set to grow at a CAGR of 9.5% from 2025 to 2034, driven by positive outlook toward clean energy

2025 Task 1 Strategic PV Analysis and Outreach S Task 1 Strategic PV Analysis and Outreach - 2025 Snapshot of Global PV Markets 202 WHAT IS IEA PVPS TCP? The International ...

On Grid PV Inverter Market On Grid PV Inverter Market Size and Share Forecast Outlook 2025 to 2035 The on grid PV inverter market is projected to grow from USD 32.2 billion in ...

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