

Photovoltaic inverter shipments in 2025





Overview

Global inverter shipments are expected to increase 7% to reach 570 gigawatts alternating current (GWac), with an uptick in inverter shipments to the European market as inventory levels slowly rebalance, according to the latest forecast for the global inverter market from S&P Global Commodity Insights, the leading independent provider of information, data, analysis, benchmark prices and workflow solutions for the commodities and energy transition markets. 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.

How much is the PV inverter generators industry worth in 2025?

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 CAGR of 6.4% and reach USD 3.2 billion by 2035.

How big is the PV inverter market?

The PV inverter market size is valued at US\$ 15.33 billion by 2025, from US\$ 42.54 billion in 2032, at a CAGR of 15.7% during the forecast period.

What are the trends in the PV inverter market?

PV Inverter Market Trends Rising demand for storage along with PV systems: The growing demand for battery storage solutions in conjunction with photovoltaic or solar systems is having a substantive impact on the PV Inverter Market.

How will the global inverter market perform in 2025?

Following a challenging 2024, the global inverter market is expected to return



to revenue growth, with total revenue estimated to reach just under \$20 billion in 2025.

What drives the PV inverter market?

The PV inverter market is poised to grow significantly over the next five years, driven by declining prices of solar panels and supportive government policies and regulations around the world. Major drivers for the market include countries mandating renewable energy generation targets and incentives for rooftop solar installations.



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Global PV inverter shipments reach 589 GWac as Asia-Pacific ...

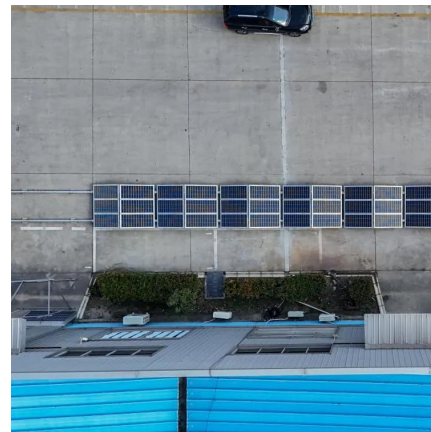
Global photovoltaic inverter shipments rose by 10% in 2024, reaching 589 gigawatts alternating current (GWac), according to the Global solar inverter market share 2025 report published by ...

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[Monthly Solar Photovoltaic Module Shipments Report](#)

Table 6. Source and disposition of photovoltaic module shipments U.S. shipments and sales to the original equipment manufacturer (OEM) for resale and export shipments are not published ...

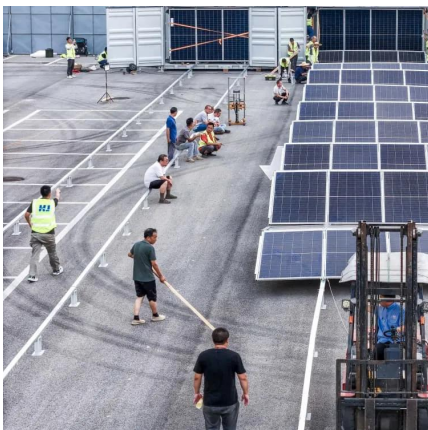
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PV Inverter Market Size, Share & Forecast Report, 2025-2034

Set for launch in the latter half of 2025, the inverter will offer power capacity of up to 20kW and is engineered to support complete home backup. Additionally, increasing demand for energy ...

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[PV Inverter Market Size, Share & Forecast 2025 to 2035](#)

Advancing Solar Energy with Efficient, Smart, and Reliable PV Inverters. The PV inverter generators industry is valued at USD 1.7 billion in



2025. As per FMI's analysis, the PV ...

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PV Inverter Market Size, Share & Forecast Report, 2025-2034

The policies enacted by the Chinese government to accelerate construction of large-scale solar PV plants in deserted areas is considered a key factor contributing to the growth which had ...

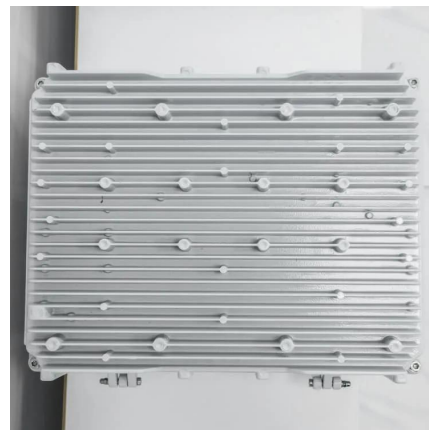
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[Solar Inverter Market Size, Trends, Forecast 2025-35](#)

Unlock in-depth insights into the solar inverter market, its trends, types, and future potential with our comprehensive research report featuring forecasts for the next decade, tailored for ...

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[Pv inverter market in the world in 2025 - TYCORUN](#)

This article analyzes the current global demand for photovoltaic inverters based on the global photovoltaic shipment volume in the second quarter of 2025 and policy adjustments ...

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Solar PV inverter and optimizer global shipments 2025, Statista

Estimated solar photovoltaic inverter and optimizer shipments worldwide from 2015 to 2025 (in megawatts, alternating current)* You need a Statista Account for unlimited access

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[Solar Inverter Market Size, Trends & Forecast . 2033](#)

3 days ago· Due to lockdowns and limitations on industrial activities, PV solar inverter production and shipment volumes were dramatically reduced in the short term.

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IEA forecasts over 4,000GW of global photovoltaic (PV) capacity ...

Recently, the International Energy Agency (IEA) predicted that global photovoltaic solar power capacity additions will exceed 4,000 GW by 2030. In its flagship report ...

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