

ContainerPower Energy Solutions

Solar market for inverters



Overview

The global solar inverter market size is estimated at USD 12.94 billion in 2025 and is predicted to reach around USD 25.81 billion by 2034, accelerating at a CAGR of 7.97% from 2025 to 2034. What is the estimated market size of the solar inverter market?

What is the estimated market size of the global Solar Inverter market for 2025?

The global Solar Inverter market is projected to reach USD 12,923.3 million by the end of 2025. At what rate is the market expected to grow during the forecast period?

What is the global solar PV inverter market value?

The global solar PV inverter market reached a value of almost USD 8.45 billion in the year 2023. The market is further expected to grow at a CAGR of 5.0% between 2024 and 2032 and to reach a value of almost USD 13.13 billion by 2032. As per industry reports, the total global solar power capacity reached 1 terawatt (TW) in April 2022.

How competitive is the market for PV inverters?

The market for PV inverters is highly competitive and moderately fragmented due to the presence of numerous market players. The dominant trend in operations of these solar companies includes vertical integration, which defends against market power and reduces competition.

How big is the solar inverter market by 2025?

The global Solar Inverter market is projected to reach USD 12,923.3 million by the end of 2025. At what rate is the market expected to grow during the forecast period?

The market is anticipated to grow at a CAGR of 5.3% over the forecast period. What is the projected market worth by 2035?

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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?

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What is the main target market for solar (PV) inverter?

The main target market for solar (PV) inverter is commercial and industrial areas. The growing consumer awareness regarding solar (PV) inverter and growing environmental concerns is creating importance for the solar (PV) inverter globally. The solar (PV) inverter is considered as integral part for electricity generation.

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