



Microgrid trillion-level market

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What is the global microgrid market size in 2024?

The global microgrid market size was valued at USD 11.86 billion in 2024. The market is projected to grow from USD 13.59 billion in 2025 to USD 36.93 billion by 2032, exhibiting a CAGR of 15.36% during the forecast period. Asia Pacific dominated the global market with a share of 43.17% in 2024.

How big is the microgrid market?

Image #169; Mordor Intelligence. Reuse requires attribution under CC BY 4.0. The Microgrid Market size is estimated at USD 20.54 billion in 2025, and is expected to reach USD 46.99 billion by 2030, at a CAGR of 17.85% during the forecast period (2025-2030).

How much is the microgrid market worth in 2021?

The microgrid market was valued at USD 11.4 billion in 2021 and grew at a CAGR of approximately 26% through 2024, driven by growing advancements in smart grid technology, energy management software and energy storage systems aimed at improving microgrid scalability and efficiency.

Why is the microgrid market growing?

The impressive growth trajectory of the Microgrid Market is driven by factors such as increasing emphasis on decarbonization, growing need for reliable and uninterrupted power supply, and the surging deployment of microgrids for rural electrification.

Grid-connected microgrids dominate the microgrid market as they are characterized by their integration into the main electrical grid. These systems can operate both in grid-tied and ...

Microgrid Market Summary The global microgrid market size was estimated at USD 99.76 billion in 2025 and is projected to reach USD 406.23 billion by 2033, expanding at a CAGR of 19.7% from 2026 to ...

Grid-connected microgrids lead the overall market owing to increasing adoption in urban and industrial regions, while off-grid microgrids are expected to grow at the highest CAGR, driven by demand in ...

In terms of microgrid development and capacity, North America dominated the microgrid industry in 2024. Numerous fossil-fueled commercial and industrial (C& I) microgrids are being built in ...



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The microgrid market is expected to reach USD 166.1 billion by 2035, due to growing investments in clean energy, smart grid technologies, and grid modernization.

The Microgrid Market worth USD 24.44 billion in 2026 is growing at a CAGR of 17.61% to reach USD 54.99 billion by 2031. ABB Ltd, Siemens AG, Schneider Electric SE, General Electric ...

The microgrid market report presents an in-depth analysis of the various companies that are involved in offering microgrid solutions, across different segments, as defined in the table below:

It gives a key overview of the microgrid market, detailing competitive possibilities, growth trends, and competition strategies. This report provides insight into the effects of global crises, ...

The global Microgrid Market size is expected to be worth around USD 246.4 billion by 2033, from USD 31.6 billion in 2023, growing at a CAGR of 22.8% during the forecast period from 2023 to 2033. The ...

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