



Microgrid Value

How big is the microgrid market?

Image © 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 global microgrid market worth in 2024?

The global microgrid market was valued at USD 22.9 billion in 2024. The market is expected to grow from USD 28.9 billion in 2025 to USD 140.7 billion in 2034, at a CAGR of 19.2%.

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.

What is a microgrid and how does it work?

A microgrid is a localized energy system with defined electrical boundaries that operates both connected to the traditional utility grid and independently. It integrates distributed energy resources, including solar, wind, and storage, with intelligent control systems, serving facilities such as campuses or communities.

Vendors are increasingly focusing on scalable and modular microgrid architectures that combine renewable energy sources, battery storage, and intelligent control systems. Customization, ...

The report also pointed out significant challenges to microgrid commercialization, such as recognizing how they enhance the larger grid, understanding their potential to shape and improve ...

The global microgrid market size is projected to grow from \$15.63 billion in 2026 to \$57.58 billion by 2034, at a CAGR of 17.7% during the forecast period

Microgrid Market Analysis by Mordor Intelligence The Microgrid Market size is estimated at USD 24.44 billion in 2026, and is expected to reach USD 54.99 billion by 2031, at a CAGR of ...

To provide a detailed overview of the microgrid market value chain To strategically analyze the micromarkets concerning individual growth trends, prospects, and contributions to the overall market

The global microgrid market value is forecast to grow from approximately 30 billion U.S. dollars in 2022 to over 60.5 billion U.S. dollars by 2027. The estimated compound annual growth rate ...

Global Microgrid Market Introduction: Microgrids Gaining Momentum in Energy Transition According to a report by Mordor Intelligence, the global microgrid market is estimated to ...

What is the projected value of the microgrid market by 2035? The microgrid market is expected to reach USD



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166.1 billion by 2035, due to growing investments in clean energy, smart grid technologies, and ...

The global microgrid market is set to grow from USD 42.6B in 2025 to USD 227.8B by 2035, at 18.25% CAGR. Explore trends, forecasts & key players

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