



# Microgrid market in five years

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What is the global microgrid market size?

Our premium consulting services are available for an additional fee is designed to help you gain a competitive edge. 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.

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%.

What is the market size of AC microgrid?

Based on grid type, the industry is segmented into AC microgrid, DC microgrid and hybrid. The AC segment dominates the market with 51.9% share in 2024 and is expected to grow at a CAGR of 19.2% from 2025 to 2034.

How big is the Middle East & Africa microgrid market?

The Middle East & Africa microgrid market is set to reach over USD 6.8 billion by 2034 on account of energy access challenges, growing electricity demand and expanding interest in renewable energy.

The global microgrid market is experiencing a robust compound annual growth rate (CAGR), projected to range between 8% and 12% over the next five years. This acceleration is ...

Major Market Drivers: Rising grid resilience needs, increasing integration of renewables, demand for reliable power during disasters, decentralization trends, and supportive state-level incentives drive ...

Market Size and Growth: The Microgrid Market size was USD 40067.97 Million in 2024, is projected to grow to USD 44755.93 Million by 2025, and exceed USD 135326.31 Million by 2035, ...

During the first five years (2025-2030), the market grows from USD 11.2 billion to USD 26.3 billion, adding USD 15.1 billion, which accounts for 29.7% of the total growth, with a 5-year ...

What is the market size of the microgrid market in 2025? The market size was valued at USD 28.9 billion in



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2025, with a CAGR of 18.3% expected through 2035, driven by rising demand for energy ...

By power source, solar photovoltaic arrays accounted for 37.9% of the microgrid market size in 2025 and are forecast to grow at an 18.5% CAGR to 2031. By type, hybrid AC/DC ...

The global microgrid market size was valued at USD 13.58 billion in 2025 and is projected to grow from USD 15.63 billion in 2026 to USD 57.58 billion by 2034, exhibiting a CAGR of 17.70% ...

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 U.S. microgrid market size was estimated at USD 14.82 billion in 2024 and is projected to grow at a CAGR of 18.2% from 2025 to 2030. Market growth is being propelled by rising investment in grid ...

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