

Microgrid Market Forecast



Overview

The global microgrid market size was valued at USD 13. 58 billion by 2034, exhibiting a CAGR of 17. 70% during the forecast period.

Microgrid Market Forecast



[Microgrid Market Size & Share, Growth Analysis 2035](#)

The microgrid market was valued at USD 28.9 billion in 2025 and is expected to grow at a CAGR of 18.3% between 2026 and 2035, driven by the growing renewable integration.

[How buildings can solve energy security as demands surge](#)

Surging energy demands and prices of buildings are turning leaders to efficiency retrofits to reduce energy costs and improve long-term energy security.



[The small island states making big strides towards net zero](#)

Pacific small island states, contributing only 0.03% of global emissions, are leading with ambitious renewable energy projects and net-zero goals by 2050.

[This bike path in the Netherlands is made from plastic waste](#)

Dutch cyclists rode down the world's first bike path made entirely of discarded plastic this week, in a move aimed at reducing the millions of tonnes wasted every year.



[5 facts you should know about the Strait of Hormuz](#)



[How to finance battery energy storage , World Economic Forum](#)

Battery energy storage systems can address the challenge of intermittent renewable energy. But innovative financial models are needed to encourage deployment.

Normally, a fifth of global gas and oil trade passes through this chokepoint. That's 20 million barrels of oil a day. But why are people talking so much about this one small waterway - and how



[The start-up tackling Nigeria's reliable power challenge , World](#)

Amid an electricity crisis, many Nigerian small businesses run on petrol generators. This solar-microgrid start-up is working to connect them to clean energy.

[The Future of Jobs Report 2025 , World Economic Forum](#)

Technological change, geoeconomic fragmentation, economic uncertainty, demographic shifts and the green transition - individually and in combination are among the major drivers



[Microgrids can secure electricity supply during disasters , World](#)

Renewables-based microgrids and peer-to-peer (P2P) energy trading can boost energy security as they are self-sufficient and run independent of large grids.

[These Dutch microgrid communities can supply 90% of their energy](#)

Local communities generating their own power could become 90% energy self-sufficient, with potential to be fully self-reliant in the future, according to a Dutch study.



[What are microgrids - and how can they help with power cuts?](#)

Microgrids can step in when the main electricity grid fails. And as they can be powered by renewables, they are a sustainable and affordable option, too.

[Microgrid Market Size, Share & Growth Forecast \[2026-2034\]](#)

Microgrid Market Trends
Microgrid Market Growth Factors
Restraining Factors
Microgrid Market Segmentation Analysis
Regional Insights
Key Industry Players
Key Industry Developments
Report Coverage
Growing Requirement of Clean Energy is Promoting the Adoption of Smart Grids
Initiatives
Future power grids must be flexible, accessible, reliable, and economically viable to achieve the goals of the smart grid initiative. With the rising initiatives in reducing greenhouse gas (GHG) emissions, research on various configurations or architectures of
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Base Year: 2024
Historical Period: 2019-2023
Forecast Period: 2025-2032
Study Period: 2019-2032
Grand View Research



Microgrid Market Size, Share, Growth , Industry Report,

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%



[Microgrid Market Size to Hit USD 236.18 Billion by 2034](#)

The global microgrid market size was valued at USD 43.19 billion in 2024 and is expected to hit around USD 236.18 billion by 2034, growing at a

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