

Microgrid industry capacity



Overview

The global microgrid market was valued at USD 28.9 billion in 2025, reflecting sustained deployment momentum across utility, commercial and industrial (C&I), military, and remote community segments as energy resilience and decarbonization objectives converge. 58 billion by 2034, exhibiting a CAGR of 17.70% during the forecast period. 35% market share in. Market Size - By Grid Type (AC Microgrid, DC Microgrid, Hybrid), By Connectivity (Grid-Connected, Off-Grid), By Power Source (Diesel Generators, Natural Gas, Solar PV, CHP, Others), By Storage Device (Lithium-Ion, Lead Acid, Flow Battery, Flywheels, Others), and By Application (Healthcare. The Microgrid Market size is expected to grow from USD 20. Microgrids are localized energy systems capable of operating independently or in conjunction with the main power grid.



Article Content

U.S. Microgrid Market Size & Share | Industry Report,

U.S. Microgrid Market Report Segmentation This report forecasts revenue growth at country levels and provides an analysis of the latest industry trends in each of

Bloom Energy AI: 2025 Partnerships Drive \$21B Surge

Bloom Energy's Microgrid Projects: From Grid Resilience to Powering the 2025 AI Revolution Bloom Energy strategically transitioned its microgrid solutions from a niche resilience product before 2025

Microgrid Market Size, Growth & Share Analysis 2031

Commercial and industrial facilities drove 43.1% of 2025 demand in the microgrid market, mainly to secure uptime and avoid demand charges. Utilities now view microgrids as regulated

Microgrid Market Size, Share, Trends

Microgrid Market is projected to reach USD 191.01 billion by 2033, growing at a CAGR of 19.28% from 2025-2033.

Guidehouse Research Estimates Community Microgrid Capacity

According to a new report from Guidehouse Research, annual community microgrid capacity additions are expected to grow from 304 megawatts (MW) in 2025 to 1.4 gigawatts (GW) by

Microgrid Market Size, Share, Trends & Insights Report, 2035

Based on the research, we have segmented the microgrid market into component, power source, capacity range, connectivity, technology, end use sector and geographical regions

Microgrid Market Share, Size | Microgrid Industry Trends by 2034

The microgrid market expansion is driven by growing demand for energy resilience, rising penetration of renewable power sources, and requirements for decentralized power systems to

Microgrid Market Size, Share, Growth | Industry Report,

Microgrid market size was \$99.76 billion in 2025, is projected to reach \$406.23 billion by 2033, at a CAGR of 19.7% from 2026 to 2033

Microgrid Market Size and Share Analysis, 2024-2030

Microgrid Market Report (2024-2030) - Size and Share Analysis, Industry Trends, and Growth Forecasts This Report Offers Deep Insights into the Microgrid Market and is Segmented into Connectivity (Grid

Europe Microgrid Market Size, Share & Growth Report, 2033

The commercial and industrial segment commanded the leading share of the European microgrid market in 2024, owing to the strong demand from manufacturing, data center, and logistics

Global Microgrid Market | 2023 - 2030 | Ken Research

Global microgrid market report Size, Share, Growth Drivers, Trends, Opportunities & Forecast 2025–2030 The Global Microgrid Market, valued at USD 43.19 billion, is expanding due to renewable

Microgrids

Microgrids provide a tiny fraction of U.S. electricity. At the start of 2023, the United States had 692 microgrids installed, with a total capacity of

Microgrid Market Analysis, Size, and Forecast 2026-2030:

Increasing frequency of extreme weather events will drive the microgrid market. North America dominated the market and accounted for a 30.7% growth during the forecast period. The microgrid

Microgrid Market Size, Share & Forecast to 2036 | FMI

Explore the global Microgrid market with expert analysis on growth drivers, trends, key insights, and forecast outlook to 2036.

Microgrid Market Size, Share | Growth Forecast Report

Microgrid Market value of \$37.42 Billion in 2025 will grow to \$119.33 Billion in 2033, CAGR 15.6%. Get Free Sample Report!

Microgrid Market Report 2025

Microgrids in the 1–5 MW range dominate the market due to their suitability for commercial and industrial operations. Systems above 10 MW are expected to post the highest CAGR, supported by utility-scale

Microgrid Market Size, Share, Trends & Insights Report, 2035

Market Share Insights Hardware Drives the Microgrid Industry According to the global microgrid market report, hardware sub-segment dominates the market, accounting for 75% of the market share in 2026.

Microgrids: A review, outstanding issues and future trends

A microgrid, regarded as one of the cornerstones of the future smart grid, uses distributed generations and information technology to create a widely distributed automated energy delivery

Microgrid Market Size, Growth & Share Analysis 2031

Microgrid Market Analysis by Mordor Intelligence The Microgrid Market size is expected to grow from USD 20.54 billion in 2025 to USD 24.44 billion in 2026 and is forecast to reach USD 54.99

Microgrid Market Size & Share, Growth Analysis 2035

The global microgrid market was valued at USD 28.9 billion in 2025, reflecting sustained deployment momentum across utility, commercial and industrial (C& I),

Oracle Project Jupiter taps 2.45 GW Bloom fuel cells

Oracle (NYSE:ORCL), BorderPlex, and Bloom Energy will power Project Jupiter's AI data center campus in Doña Ana County, New Mexico, using

Microgrids spread across US as Big Tech, utilities shore up power ...

There was 4.4 GW of microgrid capacity installed at the end of 2022 across 692 sites, data from the Center for Climate and Energy Solutions (C2ES) show. The DOE has said microgrids

US microgrid market to grow 19% annually through 2027, Wood

Microgrids continue to add capacity as green initiatives spur development, but high costs associated with renewable technology remain a challenge, a Wood Mackenzie analyst said.

Microgrid Market Size, Share, Growth | Industry Report, 2033

These companies play a critical role in the development and deployment of microgrid solutions by offering integrated hardware, software, control systems, and energy management platforms across

Frequently Asked Questions

How big is microgrid market?

The global market size of microgrid exceeded USD 11 billion in 2021 and is predicted to register a CAGR of more than 22% during 2022-2030, says thi...

What are the growth prospects for grid connected microgrid?

Grid connected microgrid segment will show a consistent increase due to rising concerns regarding a reliable electricity supply across remote areas...

Why are DC microgrids gaining traction?

Global DC microgrid industry revenue is projected to surpass USD 12 billion by 2030 as there is a growing preference for high-performance and innov...

Who are the leading developers of microgrids?

Lockheed Martin Corporation, Heila Technologies, Exelon Corporation, General Microgrids, S&C Electric Company, and Hitachi Energy Ltd., among other...

How big is the Microgrid Market?

The Microgrid Market size is expected to reach USD 15.92 billion in 2024 and grow at a CAGR of 19.08% to reach USD 38.12 billion by 2029. [Read More](#)

What is the current Microgrid Market size?

In 2024, the Microgrid Market size is expected to reach USD 15.92 billion. [Read More](#)

Who are the key players in Microgrid Market?

Siemens AG, General Electric Company, Eaton Corporation PLC, Schneider Electric SE and Hitachi Energy Ltd are the major companies operating in the...

Which is the fastest growing region in Microgrid Market?

Asia Pacific is estimated to grow at the highest CAGR over the forecast period (2024-2029). [Read More](#)

Which region has the biggest share in Microgrid Market?

In 2024, the North America accounts for the largest market share in Microgrid Market. [Read More](#)

What years does this Microgrid Market cover, and what was the market size in 2023?

In 2023, the Microgrid Market size was estimated at USD 13.37 billion. The report covers the Microgrid Market historical market size for years: 202...

Contact Us

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