

# Microgrid Market Size





## Overview

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Microgrid Market size was valued at USD 17.8 Billion in 2023 and is anticipated to grow at a CAGR of 20.5% between 2024 and 2032. It is a localized energy system capable of operating independently or in conjunction with the main electrical grid. It consists of distributed energy resources, such as solar panels, wind.

Growing investments in grid technologies to enable better energy management, real-time monitoring, and automated controls are set to influence the.

Based on connectivity, the market is segmented into grid connected and off grid. The grid connected segment is anticipated to cross USD 71.7 billion by 2032, on account of their capability to operate in island mode.

Eminent players operating in the microgrid industry are: 1. ABB 2. Advanced Microgrid Systems (AMS) 3. Caterpillar 4. Delta Electronics, Inc 5. Exelon Corporation 6. General Electric 7. General Microgrids 8. Heila.

Key market players are heavily investing in research and development to innovate and improve microgrid technologies including advancements in energy storage systems, smart grid technologies, and integration of renewable energy.

The global microgrid market size is estimated to be USD 37.6 billion in 2024 and is projected to reach USD 87.8 billion by 2029, growing at a CAGR of 18.5% between 2024 to 2029. What is the global microgrid market size?

The global microgrid market size was valued at USD 9.88 billion in 2023 and is projected to grow from USD 11.24 billion in 2024 to USD 37.35 billion by 2032, exhibiting a CAGR of 16.19% during the forecast period. Asia-Pacific dominated the microgrid market with a market share of 43.02 % in 2023.

How big is the microgrid market in 2024 & 2032?

The market is further expected to grow at a CAGR of nearly 10.4% in the forecast period of 2024 and 2032 to reach a value of approximately USD 70.74 billion by 2032. The dominant region for the microgrid market is North



America, accounting for a quarter of the market share.

What factors contribute to the growth of the global microgrid market?

Low transmission losses are another factor that has been successful in increasing the growth of the global microgrid market. Microgrids produce local power and decrease reliance on long-haul lines and therefore reduce transmission losses, further catalysing the industry growth.

Where is the microgrid market located?

The dominant region for the microgrid market is North America, accounting for a quarter of the market share. Development in the region is triggered by the growing use of microgrid in defence as well as remote systems to improve cyber-attack protection.

Which microgrid market has the highest compound annual growth rate (CAGR)?

The commercial and industrial buildings microgrid market is anticipated to demonstrate the highest Compound Annual Growth Rate (CAGR) throughout the forecast period. This surge can be attributed to the imperative for a dependable power supply to ensure uninterrupted operations across various industries.

How is the microgrid market segmented based on grid type?

Based on grid type, the microgrid market is segmented into AC microgrid, DC microgrid and hybrid. The hybrid segment is set to expand at a CAGR of over 20.9% through 2032. Growing adoption of solutions offering substantial economic advantages by reducing energy costs and providing financial resilience is fostering the product demand.



## Microgrid Market Size

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### Microgrid Market By Share, Size and Forecast 2028

Global Microgrid Market was valued at USD 12.08 billion in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 15.19% through 2028. Microgrid Market ...

### Microgrid Market Share, Size , Microgrid Industry Trends by 2027

Microgrid market size was valued at USD 28.80 Billion in 2019 and is forecasted to reach USD 61.18 Billion by 2027 at a CAGR of 10.5%. Microgrid report classifies global market by share, ...



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### Microgrid Market Size, Share, Trends Report 2032

Global Microgrid Market Overview. Microgrid Market Size was valued at USD 32.35 Billion in 2023. The Microgrid industry is projected to grow from USD 37.6 Billion in 2024 to USD 142.28 ...

### Microgrid Market Size, Share, Trends, Analysis and

Global Microgrid Market size was valued at USD 54.41 Billion in 2022 poised to grow from USD 63.28 Billion in 2023 to USD 211.79 Billion by 2031, growing at a CAGR of 16.3% in the ...



**Microgrid Market size worth \$ 82.55 Billion, Globally, by 2030 at ...**

Microgrid Market size worth \$ 82.55 Billion, Globally, by 2030 at 11.98% CAGR - Report By Verified Market Research® Verified Market Research Thu, Feb 1, 2024, 7:15 AM 6 ...



**Microgrid Market Size to Worth Around USD 85.7 Billion by**

According to Precedence Research, the global microgrid market size is projected to be worth around USD 85.7 billion by 2030 from valued at USD 26.3 billion in 2021 ...



**Microgrid Market Size, Trends, Statistics Forecast 2030**

Microgrid Market size was valued at US\$ 14,370.5 million in 2023 and is expected to grow at a CAGR of 17.9% from 2024-2030. A microgrid is a self-sufficient energy system that serves a ...





### Microgrid Market Size , Industry Share & Forecast, 2032

The global microgrid market size reached approximately USD 28.98 billion in 2023. The market is projected to grow at a CAGR of 10.4% between 2024 and 2032, reaching a value of around ...



### Microgrid Market Size and Share Analysis, 2024-2030

The microgrid market generated revenue of USD 32.1 billion in 2023, which is expected to witness a CAGR of 18.6% during 2024-2030, reaching USD 105.3 billion by 2030. Microgrid Market ...

### Grid Connected Microgrid Market Size, Growth Outlook 2024-2032

The grid connected microgrid market size exceeded USD 12.8 billion in 2023 and is predicted to register more than 20.4% CAGR from 2024 to 2032, driven by rising requirement for enhanced ...



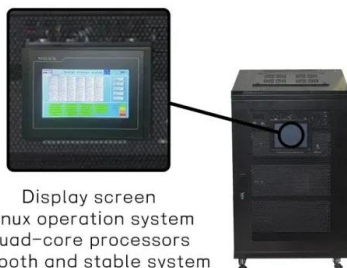
### Microgrid Market Size, Scope and Growth Latest Analysis Report ...

The Global Microgrid Market Size is valued at USD 31.58 billion in 2023 and is predicted to reach USD 106.19 billion by the year 2031 at a 16.49% CAGR during the forecast ...



### Global microgrid market value 2017-2028 , Statista

In 2021, the global microgrid market surpassed 14.3 billion U.S. dollars, a year-over-year growth of 13 percent. The market is forecast to grow at a compound annual growth rate (CAGR) of 17.9



Display screen  
Linux operation system  
quad-core processors  
smooth and stable system

### Microgrid Market Size, Share & Industry Analysis Data 2030 ...

The Global Microgrid Market size was valued at \$15.88 billion in 2020, and is projected to reach \$59.74 billion by 2030, registering a CAGR of 14.9% from 2021 to 2030. A microgrid is a self ...

### Microgrid Market Size, Growth, Share and Forecast 2032

Microgrid Market Size 2024: USD 17845 million:  
Microgrid Market, CAGR: 20.7%: Microgrid Market  
Size 2032: USD 80385 million: Market Overview:  
The Microgrid ...



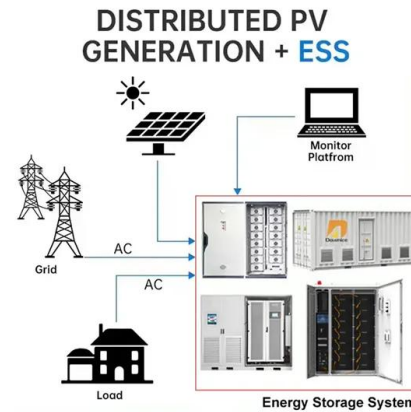
### Microgrid Market Size, Share & Growth Analysis ...

Microgrid Market Size & Trends . The global microgrid market size was estimated at USD 76.88 billion in 2023 and is expected to grow at a compound annual growth rate (CAGR) of 17.1% from 2024 to 2030. Rising power demand in ...



### Microgrid Market Size, Share, Growth , Forecast 2024-32

Global Microgrid Market: The global microgrid market size reached US\$ 32.1 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 74.5 Billion by 2032, ...



### Microgrid Market Size, Share, Industry & Opportunities 2031

The global microgrid market size was valued at USD 33.88 billion in 2022 and is expected to reach USD 79.89 billion by 2031, expanding at a CAGR of 10% during the forecast period, ...

### Microgrid Market Size, Share & Growth Analysis Report ...

The global microgrid market size was estimated at USD 76.88 billion in 2023 and is expected to grow at a compound annual growth rate (CAGR) of 17.1% from 2024 to 2030. Rising power demand in developing countries including Mexico, ...



### North America Microgrid Market Size & Share Report, 2032

North America Microgrid Market size was valued USD 4.8 Billion in 2023 and is anticipated to grow at a CAGR of 10.3% up to 2032. It is a localized energy system that integrates various ...



### Microgrid Market Size To Surpass Around USD 206.69 Bn By 2033

The U.S. microgrid market size was estimated at USD 10.44 billion in 2023 and is predicted to be worth around USD 62.07 billion by 2033, at a CAGR of 19.5% from 2024 to 2033. On the basis ...



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### Microgrids Market Size, Share & Growth Report 2034

Microgrids Market Outlook (2023 to 2033)  
Worldwide demand for microgrids is projected to grow with a double digit CAGR of 15% from 2023 to 2033. In 2023, the global microgrids market ...

### Microgrid Market Size, Share , CAGR of 22.8%

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 ...



### Microgrid Market Size, Share, Industry Growth, Demand

Global Microgrid Market Scope and Market Size.  
The microgrid market is segmented on the basis of grid type, connectivity, offering, vertical and power source. The growth amongst the different ...



### Microgrid as a Service Market Size, Share, Growth Report [2032]

The global microgrid as a service market size was valued at USD 2.87 billion in 2023. The market is projected to grow from USD 3.33 billion in 2024 to USD 9.35 billion by ...



### Microgrid Market Size, Share, Scope, Trends & Forecast

Microgrid Market Size And Forecast. The Microgrid Market size was valued at USD 34.04 Billion in 2024 and is expected to reach USD 84.17 Billion in 2031, growing at a CAGR of 11.98% over the forecast period of 2024 to 2031.. A ...



### Microgrid Market Regional Analysis Size, Suppliers to 2033

Microgrid Market Size. The global microgrid market size was valued at USD 36.36 billion in 2024 and is projected to reach from USD 42.83 billion in 2025 to USD 202.91 ...



### [Microgrid Market Size \(2024\)](#)

The Microgrid Market size is estimated at USD 15.92 billion in 2024, and is expected to reach USD 38.12 billion by 2029, growing at a CAGR of 19.08% during the forecast period (2024 ...





### **Microgrid Market Size Surges to \$87.8 billion by 2029, Reveals ...**

Microgrid Market Size: Analyzing Growth Patterns and Future Projections [DOWNLOAD PDF](#) ; Microgrids, once considered a niche technology, have now emerged as a crucial component of ...



### **Global Microgrid Market Size To Grow USD 245.5 Billion By 2032 ...**

The Global Microgrid Market Size was valued at USD 53.9 billion in 2022 and the worldwide Microgrid Market size is expected to reach USD 245.5 billion by 2032, according to ...

### [Microgrid Market Size and Growth](#)

The Microgrid Market size is estimated at USD 15.92 billion in 2024, and is expected to reach USD 38.12 billion by 2029, growing at a CAGR of 19.08% during the forecast period (2024-2029). In 2020, the market was negatively ...



### **Microgrid Market Size & Share , Industry Report, 2025-2037**

The microgrid market size was over USD 10.24 billion in 2024 and is poised to cross USD 52.02 billion by the end of 2037, witnessing more than 13.2% CAGR during the ...



## Global Microgrid Market Size, Share, Analysis, Forecast.

Global Microgrid Market Insights Forecasts to 2032. The Global Microgrid Market Size was valued at USD 53.9 billion in 2022. The Market is growing at a CAGR of 16.3% from 2022 to 2032. The worldwide Microgrid Market size is expected to ...



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