

# **Commercial Gensets Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034**

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## **Abstracts**

The Global Commercial Gensets Market was valued at USD 15 billion in 2024 and is projected to grow at a CAGR of 7.5% between 2025 and 2034. This growth is largely fueled by the rising demand for reliable and uninterrupted power solutions across various commercial sectors worldwide. As businesses increasingly depend on consistent energy supply to support critical operations, the need for advanced gensets is accelerating. Rapid urbanization, coupled with booming infrastructure development in emerging economies, is creating lucrative opportunities for genset manufacturers. The growing number of commercial facilities, including corporate offices, retail spaces, healthcare institutions, data centers, and telecom infrastructure, is driving significant demand for power backup systems that ensure operational continuity.

Moreover, frequent power outages, grid instability, and the need for emergency backup in disaster-prone regions are pushing organizations to invest in high-performance gensets. As technology continues to evolve, genset manufacturers are integrating smart control systems, remote monitoring, and energy-efficient engines to meet shifting market preferences. The rising focus on reducing carbon emissions is also encouraging the development of hybrid gensets, combining traditional fuels with renewable energy sources, to ensure both sustainability and reliability. Furthermore, increasing governmental efforts to improve energy security, coupled with strategic funding for disaster recovery initiatives, are expected to contribute to sustained market expansion over the coming years.

The market is segmented primarily by fuel type, with the diesel segment poised to expand at a CAGR of 6.5% through 2034. Diesel gensets are gaining strong traction due to their high power output, extended operational lifespan, and superior load-handling abilities. These units are becoming essential for commercial applications that require robust and uninterrupted power, especially in regions where grid reliability

remains an issue. Diesel gensets are also favored for their low maintenance requirements and ability to operate efficiently in harsh environments, making them a preferred choice across diverse industries.

From an application perspective, the commercial gensets market spans a wide range of industries, including telecom, healthcare, data centers, educational institutions, and government facilities. The data center segment accounted for 35% of the market share in 2024, reflecting the exponential rise in data consumption, cloud services, and digital transformation initiatives worldwide. As businesses shift to cloud-based operations and rely heavily on data storage and processing, the need for uninterrupted and efficient power backup in data centers is becoming critical. Additionally, with a growing emphasis on energy-efficient and eco-friendly solutions, gensets integrated with advanced features such as regenerative braking and smart load management are gaining popularity and reshaping market trends.

U.S. Commercial Gensets Market generated USD 1.5 billion in 2024, driven by the nation's increasing investments in energy resilience programs and smart city projects. The growing need for adaptive gensets that offer seamless load-sharing capabilities is further enhancing demand. As the country pushes forward with energy-efficient initiatives, the adoption of advanced gensets designed to meet evolving regulatory standards and sustainability goals is set to remain on an upward trajectory, solidifying the U.S. market's leadership position globally.

## Contents

### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market scope & definitions
- 1.2 Market estimates & forecast parameters
- 1.3 Forecast calculation
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid
    - 1.4.2.2 Public

### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry synopsis, 2021 - 2034

### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
- 3.2 Regulatory landscape
- 3.3 Industry impact forces
  - 3.3.1 Growth drivers
  - 3.3.2 Industry pitfalls & challenges
- 3.4 Growth potential analysis
- 3.5 Porter's Analysis
  - 3.5.1 Bargaining power of suppliers
  - 3.5.2 Bargaining power of buyers
  - 3.5.3 Threat of new entrants
  - 3.5.4 Threat of substitutes
- 3.6 PESTEL Analysis

### **CHAPTER 4 COMPETITIVE LANDSCAPE, 2025**

- 4.1 Introduction
- 4.2 Strategic outlook
- 4.3 Innovation & sustainability landscape

### **CHAPTER 5 MARKET SIZE AND FORECAST, BY POWER RATING, 2021 – 2034**

**(USD MILLION & '000 UNITS)**

5.1 Key trends

5.2 ? 50 kVA

5.3 &gt; 50 kVA - 125 kVA

5.4 &gt; 125 kVA - 200 kVA

5.5 &gt; 200 kVA - 330 kVA

5.6 &gt; 330 kVA - 750 kVA

5.7 &gt; 750 kVA

**CHAPTER 6 MARKET SIZE AND FORECAST, BY FUEL, 2021 – 2034 (USD MILLION & '000 UNITS)**

6.1 Key trends

6.2 Diesel

6.3 Gas

6.4 Hybrid

**CHAPTER 7 MARKET SIZE AND FORECAST, BY END USE, 2021 – 2034 (USD MILLION & '000 UNITS)**

7.1 Key trends

7.2 Telecom

7.3 Healthcare

7.4 Data centers

7.5 Educational institutions

7.6 Government centers

7.7 Hospitality

7.8 Retail sales

7.9 Real estate

7.10 Commercial complex

7.11 Infrastructure

7.12 Others

**CHAPTER 8 MARKET SIZE AND FORECAST, BY APPLICATION, 2021 – 2034 (USD MILLION & '000 UNITS)**

8.1 Key trends

8.2 Standby

8.3 Peak shaving

8.4 Prime/continuous

## **CHAPTER 9 MARKET SIZE AND FORECAST, BY REGION, 2021 – 2034 (USD MILLION & '000 UNITS)**

9.1 Key trends

9.2 North America

9.2.1 U.S.

9.2.2 Canada

9.3 Europe

9.3.1 Russia

9.3.2 UK

9.3.3 Germany

9.3.4 France

9.3.5 Spain

9.3.6 Austria

9.3.7 Italy

9.4 Asia Pacific

9.4.1 China

9.4.2 Australia

9.4.3 India

9.4.4 Japan

9.4.5 South Korea

9.4.6 Indonesia

9.4.7 Malaysia

9.4.8 Thailand

9.4.9 Vietnam

9.4.10 Philippines

9.4.11 Myanmar

9.4.12 Bangladesh

9.5 Middle East

9.5.1 Saudi Arabia

9.5.2 UAE

9.5.3 Qatar

9.5.4 Turkey

9.5.5 Iran

9.5.6 Oman

9.6 Africa

- 9.6.1 Egypt
- 9.6.2 Nigeria
- 9.6.3 Algeria
- 9.6.4 South Africa
- 9.6.5 Angola
- 9.6.6 Kenya
- 9.6.7 Mozambique

#### 9.7 Latin America

- 9.7.1 Brazil
- 9.7.2 Mexico
- 9.7.3 Argentina
- 9.7.4 Chile

## **CHAPTER 10 COMPANY PROFILES**

- 10.1 Aggreko
- 10.2 ASHOK LEYLAND
- 10.3 Atlas Copco
- 10.4 Briggs & Stratton
- 10.5 Caterpillar
- 10.6 Cummins
- 10.7 Deere & Company
- 10.8 FG Wilson
- 10.9 Generac Power Systems
- 10.10 HIMOINSA
- 10.11 Honda Motor
- 10.12 Huu Toan
- 10.13 Kirloskar
- 10.14 MAHINDRA POWEROL
- 10.15 MITSUBISHI HEAVY INDUSTRIES
- 10.16 Rolls-Royce
- 10.17 Sudhir Group
- 10.18 Wartsila
- 10.19 Yamaha
- 10.20 Yanmar

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