

Global Stationary Generator Market Size Study & Forecast, By Type (Stationary Diesel Generators, Stationary Gas Generators) By Application (Industrial, Commercial, Residential) and Regional Analysis, 2023-2030

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Abstracts

Global Stationary Generator Market is valued at approximately USD 23.03 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 6.58% over the forecast period 2023-2030. Stationary Generators are typically powered by natural gas, propane, diesel, or gasoline engines. They consist of an engine, an alternator, a fuel source, and a control panel. When the grid power fails, the stationary generator automatically detects the outage and starts to supply electricity to the connected circuits or appliances. The Stationary Generator market is expanding because of factors such as rising government investments in the utility sector and increasing rate of industrialization. As a result, the demand for Stationary Generator has progressively increased in the international market during the forecast period 2023-2030.

Government initiatives aimed at improving energy efficiency can impact stationary generators by reducing overall electricity demand. By promoting energy-saving technologies and practices, governments can decrease the need for backup power generation during peak demand periods. This could influence the size and type of stationary generators required by businesses and industries, potentially favoring more efficient and environmentally friendly models. According to U.S. Department of Energy (DOE) has earmarked USD 3.46 billion for 58 projects spanning 44 states aimed at fortifying the resilience and reliability of the nation's electric grid. The initiatives, underpinned by the Bipartisan Infrastructure Law, will leverage a total investment of over USD 8 billion from both federal and private sources. Furthermore, the United Kingdom government has also allocated USD 1213.25 million for the Green Industries

Growth Accelerator, which will accelerate advanced manufacturing capacity in key net zero sectors, including offshore wind, networks, carbon capture, usage and storage, hydrogen, and nuclear. Another important factor that drives the Stationary Generator market is the increasing rate of industrialization. Industrialization often spurs advancements in generator technology. As industries seek more efficient and reliable power sources, there may be innovations in stationary generator design, leading to more efficient fuel consumption, increased power output, and improved reliability. In addition, Industrialization may necessitate the expansion and development of infrastructure, including power generation facilities. Stationary generators could serve as a temporary or backup power source during the construction phase of power plants or grid expansion projects, ensuring continuous operation during the transition. Moreover, technological advancements with stationary generators and growing demand for backup power solutions are anticipated to create a lucrative growth opportunity for the market over the forecast period. However, the rising adoption of clean energy technology and the high initial cost of stationary generators are going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Stationary Generator Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to increasing power consumption in the region. Advancements in stationary generator technology, including improvements in efficiency, reliability, and scalability, make them more attractive solutions for addressing increasing power consumption needs. Enhanced features such as remote monitoring, automatic startup, and fuel efficiency appeal to consumers and businesses looking for dependable backup power solutions in a high-consumption environment. According to the International Energy Association, China accounts for 61.3% of the total electricity production across the globe. The region's dominant performance is anticipated to propel the overall demand for Stationary Generator. Furthermore, North America is expected to grow fastest during the forecast period, owing to factors such as the rising number of data centers in the region.

Major market players included in this report are:

Caterpillar Inc

Himinsa S.A

Cummins Inc

Atlas Copco AB

Briggs & Stratton Corporation

Generac Power Systems Inc

Aggreko plc

Ingersoll Rand plc

PRAMAC S.p.A.

Deere & Company

Recent Developments in the Market:

In August 2022, Pramac, a market leader in power generators and handling equipment, launched its new stationary diesel product range. This range is designed to meet the requirements of any application ranging from 10kVA to 820kVA. This innovative line joins Pramac's product family and builds on the capabilities of the existing GSW series, providing a better answer to tomorrow's operational difficulties. The new GDW design adds unrivaled versatility to real operations. This new line reinforces Pramac's global strategy of providing a fundamental core configuration for the power supply industry that is compatible with a diverse range of modules. This viewpoint provides additional assistance and peace of mind for projects that require local requirements, purpose, and legislation.

Global Stationary Generator Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Stationary Diesel Generators

Stationary Gas Generators

By Application

Industrial

Commercial

Residential

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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