

Middle East And Africa Diesel Generator - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2024 - 2029)

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Abstracts

The Middle-East And Africa Diesel Generator Market size is estimated at USD 2.80 billion in 2024, and is expected to reach USD 3.42 billion by 2029, growing at a CAGR of greater than 4.10% during the forecast period (2024-2029).

Key Highlights

Over the medium term, the unreliable power supply from the distribution center and increasing construction and infrastructure projects are expected to drive the market during the forecasted period.

On the other hand, increasing concerns over carbon emissions are expected to hinder the growth of the market during the forecasted period.

Nevertheless, hybrid systems with integrated diesel generators with renewable energy sources are expected to create huge opportunities for the Middle-East and African diesel generator market.

Nigeria is expected to be a dominant region for the market due to the increasing demand for energy in the region.

MEA Diesel Generator Market Trends

Backup Generator Segment to Dominate the Market

The Middle-East and Africa often contend with frequent power outages, grid instability,

and challenging climatic conditions that disrupt energy availability. The critical need for uninterrupted power to sustain vital operations, protect sensitive equipment, and maintain essential services underscores the compelling value proposition of backup generators.

Moreover, the industrial growth witnessed in the region amplifies the significance of backup generators. The demand for consistent and resilient power sources becomes paramount as the region's industrial landscape flourishes. Backup generators offer a reliable safeguard against potential production losses, revenue impacts, and operational downtime resulting from power disruptions, thus enhancing overall business continuity.

According to the Energy Institute Statistical Review Of World Energy 2023, the electricity generated in 2022 grew by 0.6% compared to 2021 in the Middle-East and African region. At the same time, an annual growth rate of 2.2% was recorded between 2012 and 2022. As the demand for electricity is increasing in the region, the power generating sources are not increasing at the same place, specifically in the African region; therefore, the demand for diesel generators is expected to rise in the coming years.

Furthermore, the dependence on technology and data infrastructure elevates the importance of backup generators. The proliferation of data centers, telecommunications facilities, and digital services requires a continuous and stable power supply to ensure the integrity and functionality of these critical systems. Backup generators, equipped to assume power delivery during outages swiftly, emerge as a critical linchpin in safeguarding technological operations.

For instance, in February 2023, Microsoft intended to build a new data center and Azure cloud region in Saudi Arabia. It was announced during the LEAP 2023 conference in Riyadh.

Backup diesel generators are, thus, expected to continue dominating the market. This is due to their flexibility in usage and large size for electricity generation compared to other market segments.

Nigeria to Dominate the Market

The nation's burgeoning population, rapid urbanization, and diverse industrial sectors

create a heightened demand for reliable power sources. Nigeria's quest for uninterrupted electricity supply amid existing grid challenges enhances the appeal of diesel generators as a solution to bridge energy gaps and support critical operations.

Moreover, Nigeria's infrastructure development and construction boom amplify the significance of diesel generators. The ongoing expansion of transportation networks, real estate projects, and manufacturing facilities necessitates a stable power supply. Diesel generators emerge as a vital enabler, catering to temporary and backup power needs and bolstering Nigeria's ambitious development initiatives.

For instance, according to the International Trade Administration, Nigeria's construction market size has been on the rise in recent years. In 2022, the total market size was USD 131.53 billion, compared to USD 127.7 billion in 2021, while registering a growth rate of just over 3%.

Furthermore, Nigeria's geographical distribution of economic activity further underscores its dominance. The nation's varied landscapes and urban centers call for adaptable power solutions, where diesel generators offer the flexibility to provide power in urban and remote settings. This versatility positions Nigeria to capitalize on the potential for a diverse range of diesel generator applications.

For instance, in March 2023, Hyundai Heavy Engineering announced that the company had signed a contract with Mikano International Ltd to provide six diesel generators. Mikano International Ltd is building a project in Lagos where the company is expected to use these diesel generators as a backup power solution. Hyundai announced that the diesel generators will be shipped to Nigeria by the end of May 2024.

In conclusion, the envisaged prominence of Nigeria within the Middle-East and African diesel generator market is firmly grounded in economic growth, infrastructure expansion, and regional dynamics. As Nigeria navigates the complexities of energy demand and supply, the integration of diesel generators emerges as a transformative force, poised to redefine energy resilience, support infrastructure development, and contribute significantly to Nigeria's journey towards energy security and sustainable progress.

MEA Diesel Generator Industry Overview

The Middle-East and African diesel generator market is partially fragmented. Some of the key players in this market (in no particular order) include Caterpillar Inc., Cummins Ltd, Yanmar Holdings Co. Ltd, Atlas Copco AB, and Honda Siel Power Products Limited.

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