

Africa Electric Bus Market Report and Forecast 2024-2032

Market Report | 2023-11-20 | 145 pages | EMR Inc.

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Report description:

Africa Electric Bus Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the Africa electric bus market is projected to grow at a CAGR of 13.50% between 2024 and 2032. Aided by increased environmental awareness and economic benefits offered by electric buses, the market is expected to grow significantly by 2032.

Electric buses represent a transformative leap in public transportation, particularly in regions grappling with air quality issues. These vehicles run on electricity, reducing, or eliminating the emissions common with traditional diesel-powered buses. The integration of technological advancements, like fast-charging capabilities, has further elevated their appeal. In the African context, electric buses are not just a means to transport but an important stride towards a more eco-friendly and sustainable urban future. The Africa electric bus market growth is underpinned by a range of factors. Topmost is the environmental urgency. Many African cities are witnessing rising pollution levels, exacerbated by a growing population and the influx of old, emission-heavy vehicles. Electric buses present an opportunity to significantly reduce urban emissions and improve air quality.

Moreover, as global conversations around sustainability intensify, several African nations are realising the economic benefits of transitioning to greener alternatives. This transition is being supported by international investments and collaborations aiming to promote cleaner transportation modes in the continent. Electric buses, with their promise of lower operational costs in the long run, are attractive propositions for city administrators and transportation agencies.

Additionally, major Africa electric bus market trends are technological advancements and infrastructural developments. Several countries, with the aid of international partnerships, are establishing charging infrastructure in urban centres, facilitating the adoption of electric buses.

The manufacturing landscape is also evolving, with both local and international players showing keen interest. While international brands bring expertise and advanced technology, local manufacturers ensure better after-sales support and understand the unique challenges and demands of the African market.

Public-private partnerships are becoming instrumental. Governments are collaborating with manufacturers and service providers to ease the financial burden, create favourable policy frameworks, and develop the necessary charging infrastructure which is further augmenting the Africa electric bus market demand.

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Market Segmentation

The market can be divided based on propulsion type, battery type, battery capacity, bus length, range, power output, application, end use, and country.

Market Breakup by Propulsion Type

- Battery Electric Vehicle
- Plug-in Hybrid Electric Vehicle
- Fuel Cell Electric Vehicle

Market Breakup by Battery Type

- Lithium Nickel Manganese Cobalt Oxide
- Lithium Iron Phosphate

Market Breakup by Battery Capacity

- Up to 400 kWh
- Above 400 kWh

Market Breakup by Bus Length

- Less Than 9 meters
- 9 To 14 meters
- Above 14 meters

Market Breakup by Range

- Less Than 150 Miles
- 150 To 300 Miles
- Above 300 Miles

Market Breakup by Power Output

- Up to 250 kW
- Above 250 kW

Market Breakup by Application

- Intercity
- Intracity

Market Breakup by End Use

- Public
- Private

Market Breakup by Country

- South Africa
- Egypt
- Nigeria
- Algeria
- Others

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the Africa electric bus market. Some of the major players explored in the report by Expert Market Research are as follows:

- Mercedes-Benz Group AG
- Kiira Motors Corporation
- BYD Motors, Inc.
- MiPower Electric Bus (Masala Ramabulana Holdings)
- Yutong Bus Co., Ltd.
- Xiamen King Long International Trading Co., Ltd.
- Volvo Group

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- Tata Sons Private Limited

- Roam

- BasiGo

- Others

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