

Electric Bus Market by Propulsion (BEV, FCEV), Battery (LFP, NMC, NCA), Length (14m), Application (City, Coach, Midi, School), Seating/Battery Capacity, Range, Power Output, Autonomy Level, Component, Consumer Region - Global Forecast to 2030

<https://marketpublishers.com/r/E2E2C3BF38CCEN.html>

Date: February 2025

Pages: 388

Price: US\$ 4,950.00 (Single User License)

ID: E2E2C3BF38CCEN

Abstracts

The electric bus market is projected to grow from USD 17.0 billion in 2024 to USD 37.5 billion by 2030, at a CAGR of 14.2%. The market for electric buses has grown steadily on a global scale in recent years. The industry is being driven by factors such as government subsidies for promoting zero-emission vehicles, increased pollution standards, and developments in battery pack technologies. Global efforts are taken towards electrifying vehicle fleets, supported by regulatory changes, international agreements, corporate commitments, and substantial investments in infrastructure. Due to the emission norms, there is increasing demand for battery-powered vehicles in public-owned bus fleets and e-bus manufacturers are making huge investments in the electrification market which drives the market growth.

“9-14 m segment by bus length is expected to hold the largest market share in 2024.”

The majority of electric buses in service today have a length of 9 to 14 meters and can accommodate 40 to 70 people. These buses are ideal for use in cities since they balance passenger space with manoeuvrability. Urban transport policies often promote the employment of medium-sized buses in an attempt to reduce pollution and traffic congestion. These buses are perfect for urban transport needs as they have the ability to travel up to 350 kilometers on just one charge. Manufacturers focus mainly on 9- or 12-meter electric buses because they can efficiently carry large numbers of passengers in busy cities without being too large for urban roads. As a result, many Asian players such as BYD (China), Yutong (China), King Long (China), CRRC Corporation (China),

and Tata Motors (India) and global manufacturers like CAF (Solaris) (Spain), VDL Groep (Netherlands), AB Volvo (Sweden), etc. offers a broad portfolio of electric buses within 9-14 m. Among them, some OEMs are increasingly focusing on this segment with new model launches leading to grab large supply contracts for different parts of the world. As an instance, BYD (China) sells K8 and K9 electric buses, which have a range of 155 to 190 miles and a height of 9 to 14 meters, respectively. LUMINUS is a fully electric city bus with lengths ranging from 9.7 to 13 meters, was launched by Volvo Buses in May 2023. As electric bus technology evolves, we may see a wider variety of electric buses that are available in different configurations and sizes to meet the demands of various markets.

“Above 200 miles segment in electric bus market will witness positive growth rate during the forecast period.”

By range, the above 200-mile segment is estimated to be the fastest-growing market by 2030. There will be a growing demand for electric buses with long-distance commutes. The incorporation of intercity buses is also increasing and with the increasing demand for electric buses in long-distance commutes, companies are focusing on introducing electric buses with a range above 200 miles. As battery electric buses with above 200 miles are viable for urban and intercity transport the demand for these buses will grow. North America is expected to dominate the above 200 miles segment during the forecast period which is due to the charging structure availability in this region. In order to make it easier to use electric buses, multiple cities and transit companies in North America have established large charging stations on popular transit routes. For example, the Toronto Transit Commission has installed ten rapid-charging stations along a primary transportation route. Moreover, many North American OEMs offer products that can travel over 200 miles, increasing the need for buses with a similar range. As an instance, NFI Group Inc. unveiled its latest hydrogen fuel cell-electric bus in September 2022, featuring a range of over 370 miles. During Mobility Move 2024 in Berlin, the new Urbino 12 electric bus by Solaris was revealed, boasting an impressive range of 600 kilometers.

“Europe is projected to be the second largest electric bus market.”

In 2024, Europe is estimated to be the second biggest market for electric buses, with Germany, the UK, France, and Sweden leading the way. In Europe, there is a considerable potential for growth in the electric bus market due to increasingly strict environmental regulations in the region. Regulations forcing companies to employ electric buses are expected to lead to further market expansion. According to the

National Action Plan on Energy Efficiency, public transport operators in Germany plans to have 50% of their new buses run on electricity by 2025, and they aim to reach 100% by 2030. The French government plans to swap out the current fleet of 4,500 public buses in Paris for electric buses by 2025. Norway's government offers support for this transition by providing benefits such as exemption from road tax, lower toll charges, and complimentary charging. Several nations, including the Netherlands, Poland, Denmark, and Sweden, have adopted electric mobility solutions with the goal of becoming carbon neutral by 2030–2040. Such ongoing developments in the market along with the support from the government to promote the electrification of public transport through subsidies and tax benefits will drive the electric bus market in this region. The presence of renowned e-bus manufacturers such as VDL Groep (Netherlands), AB Volvo (Sweden), Daimler AG (Germany), and Solaris (Spain) drives the regional requirements of electric buses with some Chinese players to be added to the list, contributing to a positive outlook for the European region.

The break-up of the profile of primary participants in the electric bus market:

By Company Type: Electric Bus OEM – 80%, Tier 1 – 10%, Others – 10%

By Designation: C Level – 70%, Director- level – 20%, Others - 10%

By Region: North America– 15%, Europe – 30%, Asia Pacific – 55%

Prominent companies include BYD Company Ltd. (China), Yutong Co., Ltd. (China), VDL Groep (Netherlands), AB Volvo (Sweden) and CAF (Solaris Bus & Coach sp. z o.o.) (Spain) are the leading manufacturers of electric buses in the global market.

Research Coverage:

This research report categorizes the study segments of the electric bus market and forecasts the market size based on propulsion (BEVs, FCEVs), By Range (Up to 200 miles, Above 200 miles), by the length of the bus (less than 9 m, 9-14 m, more than 14m), the consumer (Private, Government), by application (city/ transit bus, coaches, midibus, school bus), by battery capacity (up to 400 kWh, Above 400 kWh), by component (motors, batteries, fuel cell stacks, battery management systems, battery cooling systems, DC-DC converters, inverters, AC/DC Chargers, EV Connectors), by level of autonomy (semi-autonomous, autonomous), By Power Output (up to 250 kW, Above 250 kW), by seating capacity (up to 40 seats, 40-70 seats, above 70 seats), and

by region (Asia Pacific, North America, Middle East & Africa [MEA], Europe, and Latin America). This report covers the competitive analysis of upcoming startups/SMEs in the electric bus market ecosystem.

Reasons to buy this report:

The report will help the market leaders/new entrants with information on the closest approximations of the revenue numbers for the overall electric bus market and the subsegments. The report includes a comprehensive market share analysis, supply chain analysis, extensive lists and insights into component manufacturers, chapter segmentation based on materials, a thorough supply chain analysis, and a competitive landscape. The report also helps stakeholders understand the market pulse and provides information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Rising GHG emissions, government incentives and policies, overall targets to reduce fleet-level emissions and increasing demand for emission-free vehicles), restraints (safety concerns in EV batteries and high development cost), opportunities (transition towards hydrogen fuel cell electric mobility), and challenges (high cost of developing charging infrastructure) are influencing the growth of the electric bus market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the electric bus market.

Market Development: Comprehensive information about lucrative markets – the report analyses the electric bus market across varied regions.

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the electric bus market

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players like BYD Company Ltd. (China), Yutong Co., Ltd. (China), VDL Groep (Netherlands), AB Volvo (Sweden) and CAF (Solaris Bus & Coach sp. z o.o.) (Spain) among others in the electric bus market.

The report also helps stakeholders understand the pulse of the electric bus market by providing them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 MARKET SEGMENTATION
 - 1.3.2 INCLUSIONS & EXCLUSIONS
 - 1.3.3 REGIONS COVERED
- 1.4 YEARS CONSIDERED
- 1.5 CURRENCY CONSIDERED
- 1.6 VOLUME UNIT CONSIDERED
- 1.7 STAKEHOLDERS
- 1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key secondary sources
 - 2.1.1.2 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Sampling techniques and data collection methods
 - 2.1.2.2 Primary participants
- 2.2 MARKET ESTIMATION METHODOLOGY
- 2.3 MARKET ESTIMATION
 - 2.3.1 BOTTOM-UP APPROACH
 - 2.3.2 TOP-DOWN APPROACH
- 2.4 DATA TRIANGULATION
- 2.5 FACTOR ANALYSIS
- 2.6 RESEARCH ASSUMPTIONS
 - 2.6.1 MARKET ASSUMPTIONS & RISK ANALYSIS
- 2.7 RESEARCH LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN ELECTRIC BUS MARKET
- 4.2 ELECTRIC BUS MARKET, BY CONSUMER
- 4.3 ELECTRIC BUS MARKET, BY PROPULSION
- 4.4 ELECTRIC BUS MARKET, BY RANGE
- 4.5 ELECTRIC BUS MARKET, BY LENGTH OF BUS
- 4.6 ELECTRIC BUS MARKET, BY APPLICATION
- 4.7 ELECTRIC BUS MARKET, BY POWER OUTPUT
- 4.8 ELECTRIC BUS MARKET, BY COMPONENT
- 4.9 ELECTRIC BUS MARKET, BY BATTERY CAPACITY
- 4.10 ELECTRIC BUS MARKET, BY BATTERY TYPE
- 4.11 ELECTRIC BUS MARKET, BY SEATING CAPACITY
- 4.12 ELECTRIC BUS MARKET, BY REGION

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Rising GHG emissions

5.2.1.1.1 Government incentives and policies

5.2.1.1.2 Overall target to reduce fleet-level emissions

5.2.1.2 Increasing demand for emission-free vehicles

5.2.2 RESTRAINTS

5.2.2.1 Safety concerns in EV batteries and high development cost

5.2.3 OPPORTUNITIES

5.2.3.1 Transition toward Hydrogen Fuel Cell Electric Mobility

5.2.3.2 Emergence of charging services for electric buses

5.2.4 CHALLENGES

5.2.4.1 High cost of developing charging infrastructure

5.3 TRADE ANALYSIS

5.3.1 IMPORT SCENARIO

5.3.2 EXPORT SCENARIO

5.4 ECOSYSTEM ANALYSIS

5.5 VALUE CHAIN ANALYSIS

5.6 TOTAL COST OF OWNERSHIP: DIESEL BUSES VS. ELECTRIC BUSES OVER 10-YEAR SERVICE PERIOD

5.6.1 COST COMPARISON: ELECTRIC BUSES VS. ICE BUSES

5.7 PRICING ANALYSIS

5.7.1 AVERAGE SELLING PRICE TREND, BY APPLICATION

- 5.7.2 AVERAGE SELLING PRICE TREND, BY PROPULSION
- 5.7.3 AVERAGE SELLING PRICE TREND, BY REGION
- 5.8 PATENT ANALYSIS
 - 5.8.1 INTRODUCTION
- 5.9 REGULATORY LANDSCAPE
 - 5.9.1 NORTH AMERICA
 - 5.9.2 EUROPE
 - 5.9.3 ASIA PACIFIC
 - 5.9.4 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- 5.10 CASE STUDY ANALYSIS
 - 5.10.1 ABB TO ENERGIZE SINGAPORE'S AUTONOMOUS ELECTRIC BUS PROJECT
 - 5.10.2 COMPLETE TRANSITION TO ELECTRIC BUSES IN SHENZHEN, CHINA
 - 5.10.3 ZENOB? HELPED STAGECOACH INCORPORATE CHARGING INFRASTRUCTURE AND INSTALL CUSTOM MANAGEMENT SOFTWARE SYSTEM
 - 5.10.4 COMPREHENSIVE ANALYSIS WAS CONDUCTED TO EVALUATE FINANCIAL FEASIBILITY OF DEPLOYING ELECTRIC BUS FLEETS THAT REDUCE EMISSIONS
 - 5.10.5 ELECTRIC BUS DEPLOYMENT WITH INFRASTRUCTURAL CHANGES
 - 5.10.6 HSL WAS AWARDED OPERATIONS BASED ON OPEN TENDERS UNDER CHARGING-AS-A-SERVING (CAAS) BUSINESS MODEL
 - 5.10.7 AI-POWERED SOFTWARE WAS IMPLEMENTED TO HELP FLEET OPERATORS CHARGE ELECTRIC BUSES
 - 5.10.8 HIGHLAND ELECTRIC FLEETS, IN PARTNERSHIP WITH NATIONAL GRID, PROVIDED ELECTRIC SCHOOL BUSES AND COORDINATED ITS PARTICIPATION IN V2G PROGRAM
 - 5.10.9 VERMONT ELECTRIC SCHOOL AND TRANSIT BUS PILOT PROGRAM WAS IMPLEMENTED TO FACILITATE COST-EFFECTIVE ELECTRIFICATION
 - 5.10.10 FLEET TEST & EVALUATION TEAM AT NREL SUPPORTED AVTA BY CONDUCTING ASSESSMENTS OF MEDIUM- AND HEAVY-DUTY ELECTRIC BUSES AND TROLLEYS
 - 5.10.11 EVENERGI DEVELOPED FRAMEWORK TO DETERMINE OPTIMAL COMBINATION OF DEPOT LAYOUTS, CHARGER SPEEDS, AND CHARGER TYPES
- 5.11 TRENDS & DISRUPTIONS IMPACTING CUSTOMER BUSINESS
- 5.12 TECHNOLOGY ANALYSIS
 - 5.12.1 FUTURE TECHNOLOGY OVERVIEW
 - 5.12.2 TECHNOLOGY ROADMAP
 - 5.12.3 KEY TECHNOLOGY

- 5.12.3.1 Autonomous buses
- 5.12.4 ADJACENT TECHNOLOGIES
 - 5.12.4.1 Packaged fuel cell system module
 - 5.12.4.2 Methane fuel cells
- 5.12.5 COMPLEMENTARY TECHNOLOGIES
 - 5.12.5.1 Vehicle-to-grid (V2G) technology
 - 5.12.5.2 Innovative charging solutions
 - 5.12.5.3 Off-board top-down pantograph charging system
 - 5.12.5.4 On-board bottom-up pantograph charging system
 - 5.12.5.5 Ground-based static/dynamic charging system
- 5.13 BILL OF MATERIALS ANALYSIS
- 5.14 ELECTRIC BUS MARKET: PRODUCT LAUNCHES & ENHANCEMENTS, 2018–2023
- 5.15 OEM ANALYSIS
- 5.16 KEY CONFERENCES & EVENTS, 2025–2026
- 5.17 KEY STAKEHOLDERS & BUYING CRITERIA
 - 5.17.1 KEY STAKEHOLDERS IN BUYING PROCESS
 - 5.17.2 BUYING CRITERIA
- 5.18 SUPPLIER ANALYSIS
 - 5.18.1 BATTERY CELL MANUFACTURERS
 - 5.18.2 AXLE MANUFACTURERS
 - 5.18.3 HVAC SYSTEM MANUFACTURERS
 - 5.18.4 MOTOR MANUFACTURERS
- 5.19 INVESTMENT & FUNDING SCENARIO
- 5.20 UPCOMING BATTERY TECHNOLOGIES
 - 5.20.1 SOLID-STATE BATTERY TECHNOLOGY
 - 5.20.2 SODIUM-ION BATTERY TECHNOLOGY

6 ELECTRIC BUS MARKET, BY LENGTH OF BUS

- 6.1 INTRODUCTION
- 6.2 LESS THAN 9 M
 - 6.2.1 NEED FOR SHORT ELECTRIC BUSES OFFERING EASY MANEUVER ON COMPACT ROADS TO DRIVE MARKET
- 6.3 9–14 M
 - 6.3.1 ELECTRIC BUSES WITH LENGTHS BETWEEN 9–14 METERS ARE WELL-SUITED FOR INTRACITY APPLICATIONS
- 6.4 MORE THAN 14 M
 - 6.4.1 DEMAND FOR BUSES WITH LARGE PASSENGER-CARRYING CAPACITY

TO DRIVE SEGMENT GROWTH

6.5 KEY INDUSTRY INSIGHTS

7 ELECTRIC BUS MARKET, BY LEVEL OF AUTONOMY

7.1 INTRODUCTION

7.2 SEMI-AUTONOMOUS

7.2.1 NEED FOR BUSES WITH ADVANCED SAFETY FEATURES TO DRIVE DEMAND FOR SEMI-AUTONOMOUS ELECTRIC BUSES

7.3 AUTONOMOUS

7.3.1 HIGH DEMAND FOR AUTONOMOUS ELECTRIC BUSES TO DRIVE MARKET DEMAND

7.4 KEY INDUSTRY INSIGHTS

8 ELECTRIC BUS MARKET, BY POWER OUTPUT

8.1 INTRODUCTION

8.2 UP TO 250 KW

8.2.1 INCREASE IN SHORT-DISTANCE COMMUTES TO DRIVE ADOPTION OF BUSES POWERING BATTERY CAPACITY OF UP TO 250 KW

8.3 ABOVE 250 KW

8.3.1 DEMAND FOR HIGH-PERFORMANCE ELECTRIC BUSES TO BOOST POPULARITY OF ELECTRIC BUSES WITH POWER OUTPUT ABOVE 250 KW

8.4 KEY PRIMARY INSIGHTS

9 ELECTRIC BUS MARKET, BY APPLICATION

9.1 INTRODUCTION

9.2 CITY/TRANSIT BUSES

9.2.1 NEED FOR IMPROVED AIR QUALITY IN CITIES TO DRIVE NEED FOR ELECTRIFIED CITY/TRANSIT BUSES

9.3 COACHES

9.3.1 ADVANCEMENTS IN LONG-DISTANCE COACHES TO DRIVE MARKET FOR BATTERY TECHNOLOGIES AND CHARGING SOLUTIONS

9.4 MIDIBUSES

9.4.1 INCREASE IN DEMAND FOR COMPACT AND EFFICIENT PUBLIC TRANSPORT BUSES TO BOOST MARKET

9.5 SCHOOL BUSES

9.5.1 INCREASING GOVERNMENT INITIATIVES TO SUPPORT GROWTH OF

ELECTRIC SCHOOL BUSES MARKET

9.6 KEY INDUSTRY INSIGHTS

10 ELECTRIC BUS MARKET, BY BATTERY CAPACITY

10.1 INTRODUCTION

10.2 UP TO 400 KWH

10.2.1 DEMAND FOR ELECTRIC BUSES FOR SUBURBAN ROUTES TO DRIVE MARKET FOR BATTERIES WITH CAPACITY OF UP TO 400 KWH

10.3 ABOVE 400 KWH

10.3.1 NEED FOR POWERFUL ELECTRIC BUSES FOR LONG-DISTANCE COMMUTES TO DRIVE MARKET

10.4 KEY INDUSTRY INSIGHTS

11 ELECTRIC BUS MARKET, BY BATTERY TYPE

11.1 INTRODUCTION

11.2 NMC BATTERIES

11.2.1 INCREASED PREFERENCE FOR HIGH ENERGY DENSITY TO DRIVE ADOPTION OF NMC BATTERIES

11.3 LFP BATTERIES

11.3.1 DEMAND FOR BATTERIES AT LOW PRICE AND WITH GOOD THERMAL STABILITY TO BOOST ADOPTION OF LFP BATTERIES

11.4 NCA BATTERIES

11.4.1 HIGH ENERGY DENSITY AND LONG LIFE ASSOCIATED WITH NCA BATTERIES TO BOOST DEMAND

11.5 OTHER BATTERIES

11.6 KEY INDUSTRY INSIGHTS

12 ELECTRIC BUS MARKET, BY COMPONENT

12.1 INTRODUCTION

12.2 MOTORS

12.2.1 MOTORS OFFER HIGH EFFICIENCY TO ELECTRIC BUSES COMPARED TO TRADITIONAL COMBUSTION ENGINES

12.3 BATTERIES

12.3.1 NEED FOR ADVANCEMENTS IN BATTERY TECHNOLOGIES TO BOOST MARKET GROWTH

12.4 FUEL CELL STACKS

12.4.1 GROWING DEMAND FOR HYDROGEN FUEL CELL ELECTRIC BUSES TO BOOST NEED FOR FUEL CELL STACKS

12.5 BATTERY MANAGEMENT SYSTEMS

12.5.1 NEED FOR EFFICIENT BATTERY OPTIMIZATION IN ELECTRIC BUSES TO DRIVE ADOPTION OF BATTERY MANAGEMENT SYSTEMS

12.6 BATTERY COOLING SYSTEMS

12.6.1 NEED FOR LONG BATTERY LIFE IN ELECTRIC BUSES TO LEAD TO RISE IN ADOPTION OF BATTERY COOLING SYSTEMS

12.7 DC-DC CONVERTERS

12.7.1 GROWING SAFETY CONCERNS IN ELECTRIC BUSES TO DRIVE ADOPTION OF DC-DC CONVERTERS

12.8 INVERTERS

12.8.1 INVERTERS PROVIDE REGENERATIVE BRAKING TO INCREASE DRIVING RANGE OF VEHICLES

12.9 AC/DC CHARGERS

12.9.1 AC/DC CHARGERS REDUCE OVERALL LOAD ON GRID AND PROVIDE BACKUP SOURCE DURING POWER OUTAGE

12.10 EV CONNECTORS

12.10.1 HIGH DEMAND FOR ADVANCED CHARGING SYSTEMS TO DRIVE ADOPTION OF EV CONNECTORS

12.11 KEY INDUSTRY INSIGHTS

13 ELECTRIC BUS MARKET, BY CONSUMER

13.1 INTRODUCTION

13.2 PRIVATE

13.2.1 GOVERNMENT SUBSIDIES TO PROMOTE ADOPTION OF ELECTRIC BUSES

13.3 GOVERNMENT

13.3.1 USE OF ELECTRIC BUSES FOR PUBLIC TRANSPORTATION TO DRIVE MARKET GROWTH

13.4 KEY INDUSTRY INSIGHTS

14 ELECTRIC BUS MARKET, BY SEATING CAPACITY

14.1 INTRODUCTION

14.2 UP TO 40 SEATS

14.3 40–70 SEATS

14.4 ABOVE 70 SEATS

14.5 KEY INDUSTRY INSIGHTS

15 ELECTRIC BUS MARKET, BY PROPULSION

15.1 INTRODUCTION

15.2 BEVS

15.2.1 INCREASING DEMAND FOR ZERO-EMISSION VEHICLES TO BOOST NEED FOR BEVS

15.3 FCEVS

15.3.1 SUSTAINABLE PRODUCTION OF HYDROGEN TO SUPPORT DEVELOPMENT AND ADVANCEMENTS IN FCEVS

15.4 KEY INDUSTRY INSIGHTS

16 ELECTRIC BUS MARKET, BY RANGE

16.1 INTRODUCTION

16.2 UP TO 200 MILES

16.2.1 ELECTRIC BUSES OFFERING RANGE OF UP TO 200 MILES ARE EQUIPPED WITH LITHIUM-ION BATTERIES THAT CAN BE CHARGED OVERNIGHT

16.3 ABOVE 200 MILES

16.3.1 ADVANCEMENTS IN TECHNOLOGY TO DRIVE ADOPTION OF ELECTRIC BUSES OFFERING RANGE OF ABOVE 200 MILES

16.4 KEY PRIMARY INSIGHTS

17 ELECTRIC BUS MARKET, BY REGION

17.1 INTRODUCTION

17.2 ASIA PACIFIC

17.2.1 ASIA PACIFIC: RECESSION IMPACT

17.2.2 CHINA

17.2.2.1 Widespread adoption of electric buses in public transport and presence of leading OEMs to boost growth

17.2.3 JAPAN

17.2.3.1 Focus on developing advanced electric buses to drive market growth

17.2.4 INDIA

17.2.4.1 Government support for electrification of public transport to propel popularity of electric buses

17.2.5 SOUTH KOREA

17.2.5.1 Emphasis on electrification of public transport fleets to boost growth

17.2.6 SINGAPORE

17.2.6.1 Growing emphasis on promoting green public transport by 2040 to boost growth

17.2.7 INDONESIA

17.2.7.1 Government's commitment to improving air quality to spur demand for electric buses

17.2.8 HONG KONG

17.2.8.1 Country's focus on implementing initiatives to reduce GHG emissions to drive market

17.2.9 AUSTRALIA

17.2.9.1 Increasing awareness regarding climate change to drive growth

17.3 EUROPE

17.3.1 EUROPE: RECESSION IMPACT

17.3.2 FRANCE

17.3.2.1 Focus on cutting down emissions to promote use of electric buses

17.3.3 GERMANY

17.3.3.1 Increased government incentives and investments for infrastructure development to boost market

17.3.4 SPAIN

17.3.4.1 Government's focus on replacing existing public transport fleet with electric buses to boost growth

17.3.5 AUSTRIA

17.3.5.1 Rising concerns regarding emissions to encourage government to adopt electrification of public transport system

17.3.6 NORWAY

17.3.6.1 Rising government support and schemes for electric buses to increase demand

17.3.7 SWEDEN

17.3.7.1 Presence of market-leading OEMs to support growth of electric bus market

17.3.8 SWITZERLAND

17.3.8.1 Favorable government regulations to support growth of electric bus market

17.3.9 NETHERLANDS

17.3.9.1 Increased orders and deliveries of electric buses to boost demand

17.3.10 BELGIUM

17.3.10.1 Electric bus market growth to be helped by investments for electrification of public transport

17.3.11 UK

17.3.11.1 Stringent regulations for emission-free buses to boost popularity of electric buses

17.3.12 TURKEY

17.3.12.1 Continuous need for advancements in technology to drive growth

17.3.13 POLAND

17.3.13.1 Push toward sustainable public transportation to spur demand for electric buses

17.4 NORTH AMERICA

17.4.1 NORTH AMERICA: RECESSION IMPACT

17.4.2 US

17.4.2.1 Government programs to promote zero-emission vehicles to boost growth

17.4.3 CANADA

17.4.3.1 Government subsidies and presence of key players to boost adoption of electric school buses

17.5 LATIN AMERICA

17.5.1 LATIN AMERICA: RECESSION IMPACT

17.5.2 ARGENTINA

17.5.2.1 Demand for electrification of bus fleets to boost demand for advanced electric buses

17.5.3 BRAZIL

17.5.3.1 Growing environmental concerns to lead to pressing need for electric buses

17.5.4 CHILE

17.5.4.1 Government's focus on promoting emission-free public transport to encourage use of electric buses

17.5.5 MEXICO

17.5.5.1 Rapid strategies undertaken by government to indicate growth of electric bus market

17.5.6 COLOMBIA

17.5.6.1 Increasing government initiatives for electric bus purchases to drive market

17.6 MIDDLE EAST & AFRICA

17.6.1 MIDDLE EAST & AFRICA: RECESSION IMPACT

17.6.2 SOUTH AFRICA

17.6.2.1 Investments by leading OEMs in advanced technologies in automotive sector to drive market

17.6.3 UAE

17.6.3.1 Growing electrification trend in cities to boost demand for electric buses

17.6.4 QATAR

17.6.4.1 Net-zero aims to push incorporation of electric buses

18 COMPETITIVE LANDSCAPE

- 18.1 OVERVIEW
- 18.2 KEY PLAYER STRATEGIES/RIGHT TO WIN
- 18.3 MARKET SHARE ANALYSIS
- 18.4 REVENUE ANALYSIS
- 18.5 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023
 - 18.5.1 STARS
 - 18.5.2 EMERGING LEADERS
 - 18.5.3 PERVASIVE PLAYERS
 - 18.5.4 PARTICIPANTS
 - 18.5.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023
- 18.6 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023
 - 18.6.1 PROGRESSIVE COMPANIES
 - 18.6.2 RESPONSIVE COMPANIES
 - 18.6.3 DYNAMIC COMPANIES
 - 18.6.4 STARTING BLOCKS
 - 18.6.5 COMPETITIVE BENCHMARKING
- 18.7 COMPANY VALUATION
- 18.8 FINANCIAL METRICS
- 18.9 BRAND/PRODUCT COMPARISON
- 18.10 COMPETITIVE SCENARIO
 - 18.10.1 PRODUCT LAUNCHES & ENHANCEMENTS
 - 18.10.2 DEALS
 - 18.10.3 OTHERS

19 COMPANY PROFILES

- 19.1 KEY PLAYERS
 - 19.1.1 BYD COMPANY LTD.
 - 19.1.1.1 Business overview
 - 19.1.1.2 Products/Solutions offered
 - 19.1.1.3 Recent developments
 - 19.1.1.4 MnM view
 - 19.1.1.4.1 Right to win
 - 19.1.1.4.2 Strategic choices
 - 19.1.1.4.3 Weaknesses & competitive threats
 - 19.1.2 YUTONG BUS CO., LTD.
 - 19.1.2.1 Business overview
 - 19.1.2.2 Products/Solutions offered
 - 19.1.2.3 Recent developments

- 19.1.2.4 MnM view
 - 19.1.2.4.1 Right to win
 - 19.1.2.4.2 Strategic choices
 - 19.1.2.4.3 Weaknesses & competitive threats
- 19.1.3 VDL GROEP
 - 19.1.3.1 Business overview
 - 19.1.3.2 Products/Solutions offered
 - 19.1.3.3 Recent developments
 - 19.1.3.4 MnM view
 - 19.1.3.4.1 Right to win
 - 19.1.3.4.2 Strategic choices
 - 19.1.3.4.3 Weaknesses & competitive threats
- 19.1.4 AB VOLVO
 - 19.1.4.1 Business overview
 - 19.1.4.2 Products/Solutions offered
 - 19.1.4.3 Recent developments
 - 19.1.4.4 MnM view
 - 19.1.4.4.1 Right to win
 - 19.1.4.4.2 Strategic choices
 - 19.1.4.4.3 Weaknesses & competitive threats
- 19.1.5 CAF (SOLARIS BUS & COACH SP. Z O.O.)
 - 19.1.5.1 Business overview
 - 19.1.5.2 Products/Solutions offered
 - 19.1.5.3 Recent developments
 - 19.1.5.4 MnM view
 - 19.1.5.4.1 Right to win
 - 19.1.5.4.2 Strategic choices
 - 19.1.5.4.3 Weaknesses & competitive threats
- 19.1.6 ZHONGTONG BUS HOLDING CO., LTD.
 - 19.1.6.1 Business overview
 - 19.1.6.2 Products/Solutions offered
 - 19.1.6.3 Recent developments
- 19.1.7 CRRC CORPORATION LIMITED
 - 19.1.7.1 Business overview
 - 19.1.7.2 Products/Solutions offered
 - 19.1.7.3 Recent developments
- 19.1.8 DAIMLER TRUCK AG
 - 19.1.8.1 Business overview
 - 19.1.8.2 Products/Solutions offered

- 19.1.8.3 Recent developments
- 19.1.9 NFI GROUP
 - 19.1.9.1 Business overview
 - 19.1.9.2 Products/Solutions offered
 - 19.1.9.3 Recent developments
- 19.1.10 EBUSCO
 - 19.1.10.1 Business overview
 - 19.1.10.2 Products/Solutions offered
 - 19.1.10.3 Recent developments
- 19.1.11 XIAMEN KING LONG INTERNATIONAL TRADING CO., LTD.
 - 19.1.11.1 Business overview
 - 19.1.11.2 Products/Solutions offered
 - 19.1.11.3 Recent developments
- 19.2 OTHER PLAYERS
 - 19.2.1 BLUE BIRD CORPORATION
 - 19.2.2 GILLIG LLC
 - 19.2.3 THE LION ELECTRIC COMPANY
 - 19.2.4 TATA MOTORS
 - 19.2.5 ASHOK LEYLAND
 - 19.2.6 CHANGSHA SUNDA NEW ENERGY TECHNOLOGY CO., LTD.
 - 19.2.7 GREE ALTAIRNANO NEW ENERGY INC.
 - 19.2.8 GOLDEN DRAGON
 - 19.2.9 JBM GROUP
 - 19.2.10 SCANIA
 - 19.2.11 IRIZAR GROUP
 - 19.2.12 IVECO S.P.A
 - 19.2.13 BLUEBUS
 - 19.2.14 BOZANKAYA
 - 19.2.15 CAETANOBUS
 - 19.2.16 CHARIOT MOTORS
 - 19.2.17 HEULIEZ BUS
 - 19.2.18 OTOKAR OTOMOTIV VE SAVUNMA SANAYI A.?
 - 19.2.19 TEMSA
 - 19.2.20 URSUS S.A.
 - 19.2.21 VAN HOOL
 - 19.2.22 KARSAN
 - 19.2.23 MELLOR
 - 19.2.24 HINO MOTORS, LTD.
 - 19.2.25 ANHUI ANKAI AUTOMOBILE CO., LTD.

19.2.26 OLECTRA GREENTECH LIMITED

20 RECOMMENDATIONS BY MARKETSANDMARKETS

20.1 ASIA PACIFIC TO BE MAJOR ELECTRIC BUS MARKET

20.2 BATTERY ELECTRIC BUSES TO BE KEY FOCUS AREA FOR
MANUFACTURERS

20.3 CONCLUSION

21 APPENDIX

21.1 KEY INDUSTRY INSIGHTS

21.2 DISCUSSION GUIDE

21.3 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

21.4 CUSTOMIZATION OPTIONS

21.5 RELATED REPORTS

21.6 AUTHOR DETAILS

I would like to order

Product name: Electric Bus Market by Propulsion (BEV, FCEV), Battery (LFP, NMC, NCA), Length (<9, 9-14, >14m), Application (City, Coach, Midi, School), Seating/Battery Capacity, Range, Power Output, Autonomy Level, Component, Consumer Region - Global Forecast to 2030

Product link: <https://marketpublishers.com/r/E2E2C3BF38CCEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E2E2C3BF38CCEN.html>