

# Electric Bus - Global Market Outlook (2018-2027)

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## Abstracts

According to Statistics MRC, the Global Electric Bus Market is accounted for \$36.12 billion in 2018 and is expected to reach \$225.65 billion by 2027 growing at a CAGR of 22.6% during the forecast period. Supportive government initiatives and increasing sales of electric buses are some of the factors fuelling the market growth. However, the risk of the battery running out is restraining market growth.

Electric buses can store the electricity onboard or can be encouraged consistently from an outer source. Transports putting away power are significantly battery electric transports, in which the electric engine acquires vitality from an on-board battery, despite the fact that instances of other stockpiling modes do exist, for example, the flywheel vitality stockpiling. In the subsequent case, power is provided by contact with outside power sources.

Based on Component, Lithium Iron Phosphate Battery is a kind of battery-powered battery, explicitly a lithium-particle battery, utilizing  $\text{LiFePO}_4$  as the cathode material, and a graphitic carbon terminal with metallic support as the anode. By Geography, Asia-Pacific region is having a huge demand in emerging countries due to the increasing population, increasing disposable income and rising awareness of environmental safety are feeling the growth in this region.

Some of the key players profiled in the Electric Bus market include AB Volvo, Anhui Ankai Automobile Co. Ltd, BYD Co. Ltd, Daimler AG, Iveco Bus, New Flyer Industries, Proterra Inc, Ryobi Bus, Scania AB and Zhengzhou Yutong Bus Co. Ltd

Technologies Covered:

Parallel Hybrid Bus

Pure Electric Bus

Pure Electric Bus Series Hybrid Bus

Series Parallel Hybrid Bus

#### Vehicle Types Covered:

Plug-in Hybrid Electric Vehicle

Hybrid Electric Vehicle

Battery Electric Vehicles

#### Bus Types Covered:

High Seating Capacity Bus

Light Bus

Medium Bus

#### Operations Covered:

Autonomous

Manual

Semi-Autonomous

#### Components Covered:

Transmission System

Motor Controller

High Voltage Battery

DC/DC Converter

DC/DC Boost Converter

Alternating Current (AC)/Direct Current (DC) Inverter

AC/DC Charger

Electric Motor

Battery

Other Components

Coach Lengths Covered:

18 Meter

10-11 Meter

12-13 Meter

14-16 Meter

Charging Infrastructures Covered:

Gantry Pantograph

Ground Contact

Induction

Plug Only

## Roof Pantograph

### Consumers Covered:

Fleet Operators

Government

### Applications Covered:

Transit Buses

Shuttles

School Buses

Other Applications

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

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Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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**Note:** Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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