

Europe Electric Bus Market, By Propulsion (BEV, HEV, PHEV, FCEV), By Battery Type (Lead Acid and Li-ion), By Battery Capacity (300 kWh), By Range (0–150 Miles, 151–250 Miles, 251–500 Miles, >500 Miles), By Seating Capacity (Up to 30, 31-40, 41-50, Above 50), By Length (6-8 m, 8-10m, 10-12 m, Above 12), By Body Type (Customizable Body, Fully Build), By Region, Competition Forecast & Opportunities, 2028

<https://marketpublishers.com/r/EA4056E2E32FEN.html>

Date: December 2022

Pages: 85

Price: US\$ 4,400.00 (Single User License)

ID: EA4056E2E32FEN

Abstracts

Europe electric bus market is expected to grow at a rate of steady CAGR for the forecast period, 2024-2028. The surge in technological advancements in the transportation industry, rise in demand for emission-free vehicles, and stringent government policies focusing on reducing carbon footprint are the primary factors driving the demand for the Europe electric bus market in the forecast period.

Rise In Demand for Electric Vehicle Drives the Market Growth

The city bus is considered a major source of pollution in the transportation sector. The government aims to adopt measures that would aid in lowering greenhouse gas emissions into the environment. Rising fuel costs and the limited availability of fossil fuel on the earth's surface led to the adoption of electric vehicles. Electric buses are zero-emission vehicles that do not release harmful pollutants into the environment as they use electricity for fuel. Electric buses are light in weight due to fewer moving parts and, therefore, are considered more productive than the conventional mode of transportation.

Increased Demand for Hydrogen Fuel Cell Buses Bolsters the Market Growth

Hydrogen fuel cell buses are green vehicles that combine batteries, electric powertrain with fuel cell systems, and technology. The electric bus supports route flexibility faster refueling. These are considered more efficient, and witness increased average life than conventional vehicles, which is one of the major reasons electric buses are considered part of next-generation green transportation services. Everfuel, Wrightbus, Ballard Power Systems, Hexagon Composites, Nel Hydrogen, and Ryse Hydrogen, who are the leading players in the hydrogen fuel cell vehicles market, have joined together to form a committee called H2Bus Consortium. The committee members have promised to deploy 1,000 hydrogen fuel cell electric buses along with the supporting infrastructure in the European cities by making the buses available to the public at affordable rates.

Stringent Emission Regulations Supports the Market Growth

The European government has planned to invest over €72 million in 12 projects to develop the public transportation sector and make transportation more environmentally friendly. In 2020, around 2500 electric buses were sold in Europe. The gradual decline in the fossil fuel reserves present around the globe, and the unstable fuel prices adversely affect the transportation industry and make the authorities focus upon vehicles using alternate sources of energy. In June 2021, the EU adopted the European Climate Law to attain net-zero greenhouse emissions by 2050, which is expected to boost the production and usage of electric vehicles across the region. Residents heavily prefer public transportation services as they are affordable and consume less energy when compared to traveling through private transportation services. The availability of high-performance electric buses and the gradual shift towards clean energy transportation services are expected to influence the growth of the European electric bus market in the forecast period.

Market Segmentation

Europe electric bus market is segmented based on propulsion, battery type, battery capacity, range, seating capacity, length, body type, company, and country. Based on propulsion, the market is divided into BEV, HEV, PHEV, and FCEV. Based on battery type, the market is divided into lead acid and li-ion. Based on battery capacity, the market is divided into 300 kWh. Based on range, the market is divided into 0–150 miles, 151–250 miles, 251–500 miles, and >500 miles. Based on seating capacity, the market is divided into up to 30, 31-40, 41-50, and above 50. Based on length, the market is divided into 6-8 m, 8-10m, 10-12 m, and above 12. Based on body type, the market is divided into customizable body and fully build. The market is also studied by dividing

Europe into countries namely Germany, Spain, France, United Kingdom, Italy, Norway, Netherlands, Switzerland, Sweden, Austria, and rest of Europe.

Market Players

Solaris Bus & Coach sp. z o.o., VDL Bus & Coach BV, Ebusco B.V., MAN Truck & Bus SE, AB Volvo, BYD Auto Co., Ltd., Scania AB, IVECO S.p.A., Irizar Group, and Daimler AG are the major market players leading the growth of Europe electric bus market.

Report Scope:

In this report, Europe electric bus market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Europe Electric Bus Market, By Propulsion:

BEV

HEV

PHEV

FCEV

Europe Electric Bus Market, By Battery Type:

Lead Acid

Li-ion

Europe Electric Bus Market, By Battery Capacity:

300 kWh

Europe Electric Bus Market, By Range:

0–150 Miles

151–250 Miles

251–500 Miles

>500 Miles

Europe Electric Bus Market, By Seating Capacity:

Up to 30

31-40

41-50

Above 50

Europe Electric Bus Market, By Length:

6-8 m

8-10m

10-12 m

Above 12

Europe Electric Bus Market, By Body Type:

Customizable Body

Fully Build

Europe Electric Bus Market, By Country:

Germany

Spain

France

United Kingdom

Italy

Norway

Netherlands

Switzerland

Sweden

Austria

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Europe electric bus market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

2. RESEARCH METHODOLOGY

3. EXECUTIVE SUMMARY

4. IMPACT OF COVID-19 ON EUROPE ELECTRIC BUS MARKET

5. VOICE OF CUSTOMER

- 5.1. Factors Influencing Purchase Decision
- 5.2. Aided Brand Recall and Unaided Brand Recall
- 5.3. Brand Satisfaction Level
- 5.4. Challenges/Unmet Need

6. EUROPE ELECTRIC BUS MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value and Volume
- 6.2. Market Share & Forecast
 - 6.2.1. By Propulsion (BEV, HEV, PHEV, FCEV)
 - 6.2.2. By Battery Type (Lead Acid and Li-ion)
 - 6.2.3. By Battery Capacity (300 kWh)
 - 6.2.4. By Range (0–150 Miles, 151–250 Miles, 251–500 Miles, >500 Miles)
 - 6.2.5. By Seating Capacity (Up to 30, 31-40, 41-50, Above 50))
 - 6.2.6. By Length (6-8 m, 8-10m, 10-12 m, Above 12)
 - 6.2.7. By Body Type (Customizable Body, Fully Build)
 - 6.2.8. By Country (Germany, Spain, France, United Kingdom, Italy, Norway, Netherlands, Switzerland, Sweden, Austria, Rest of Europe)
 - 6.2.9. By Company (2021)
- 6.3. Product Market Map (By Propulsion, By Battery Type, By Battery Capacity, By Range, By Seating Capacity, By length, By Body Type, By Country)

7. GERMANY ELECTRIC BUS MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value and Volume

7.2. Market Share & Forecast

7.2.1. By Propulsion

7.2.2. By Battery Type

7.2.3. By Battery Capacity

7.2.4. By Range

7.2.5. By Seating Capacity

7.2.6. By Length

7.2.7. By Body Type

8. SPAIN ELECTRIC BUS MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value and Volume

8.2. Market Share & Forecast

8.2.1. By Propulsion

8.2.2. By Battery Type

8.2.3. By Battery Capacity

8.2.4. By Range

8.2.5. By Seating Capacity

8.2.6. By Length

8.2.7. By Body Type

9. FRANCE ELECTRIC BUS MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value and Volume

9.2. Market Share & Forecast

9.2.1. By Propulsion

9.2.2. By Battery Type

9.2.3. By Battery Capacity

9.2.4. By Range

9.2.5. By Seating Capacity

9.2.6. By Length

9.2.7. By Body Type

10. UNITED KINGDOM ELECTRIC BUS MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value and Volume

10.2. Market Share & Forecast

- 10.2.1. By Propulsion
- 10.2.2. By Battery Type
- 10.2.3. By Battery Capacity
- 10.2.4. By Range
- 10.2.5. By Seating Capacity
- 10.2.6. By Length
- 10.2.7. By Body Type

11. ITALY ELECTRIC BUS MARKET OUTLOOK

11.1. Market Size & Forecast

- 11.1.1. By Value and Volume

11.2. Market Share & Forecast

- 11.2.1. By Propulsion
- 11.2.2. By Battery Type
- 11.2.3. By Battery Capacity
- 11.2.4. By Range
- 11.2.5. By Seating Capacity
- 11.2.6. By Length
- 11.2.7. By Body Type

12. NORWAY ELECTRIC BUS MARKET OUTLOOK

12.1. Market Size & Forecast

- 12.1.1. By Value and Volume

12.2. Market Share & Forecast

- 12.2.1. By Propulsion
- 12.2.2. By Battery Type
- 12.2.3. By Battery Capacity
- 12.2.4. By Range
- 12.2.5. By Seating Capacity
- 12.2.6. By Length
- 12.2.7. By Body Type

13. NETHERLANDS ELECTRIC BUS MARKET OUTLOOK

13.1. Market Size & Forecast

- 13.1.1. By Value and Volume

13.2. Market Share & Forecast

- 13.2.1. By Propulsion
- 13.2.2. By Battery Type
- 13.2.3. By Battery Capacity
- 13.2.4. By Range
- 13.2.5. By Seating Capacity
- 13.2.6. By Length
- 13.2.7. By Body Type

14. SWITZERLAND ELECTRIC BUS MARKET OUTLOOK

14.1. Market Size & Forecast

- 14.1.1. By Value and Volume

14.2. Market Share & Forecast

- 14.2.1. By Propulsion
- 14.2.2. By Battery Type
- 14.2.3. By Battery Capacity
- 14.2.4. By Range
- 14.2.5. By Seating Capacity
- 14.2.6. By Length
- 14.2.7. By Body Type

15. SWEDEN ELECTRIC BUS MARKET OUTLOOK

15.1. Market Size & Forecast

- 15.1.1. By Value and Volume

15.2. Market Share & Forecast

- 15.2.1. By Propulsion
- 15.2.2. By Battery Type
- 15.2.3. By Battery Capacity
- 15.2.4. By Range
- 15.2.5. By Seating Capacity
- 15.2.6. By Length
- 15.2.7. By Body Type

16. AUSTRALIA ELECTRIC BUS MARKET OUTLOOK

16.1. Market Size & Forecast

- 16.1.1. By Value and Volume

16.2. Market Share & Forecast

- 16.2.1. By Propulsion
- 16.2.2. By Battery Type
- 16.2.3. By Battery Capacity
- 16.2.4. By Range
- 16.2.5. By Seating Capacity
- 16.2.6. By Length
- 16.2.7. By Body Type

17. MARKET DYNAMICS

- 17.1. Drivers
- 17.2. Challenges

18. MARKET TRENDS AND DEVELOPMENTS

19. PRODUCT BENCHMARKING

20. COST BENEFIT ANALYSIS OF ELECTRIC BUS OVER ICE BUS

21. COMPETITIVE LANDSCAPE

- 21.1. Solaris Bus & Coach sp. z o.o.
- 21.2. VDL Bus & Coach BV
- 21.3. Ebusco B.V.
- 21.4. MAN Truck & Bus SE
- 21.5. AB Volvo
- 21.6. BYD Auto Co., Ltd.
- 21.7. Scania AB
- 21.8. IVECO S.p.A.
- 21.9. Irizar Group
- 21.10. Daimler AG

22. STRATEGIC RECOMMENDATIONS

I would like to order

Product name: Europe Electric Bus Market, By Propulsion (BEV, HEV, PHEV, FCEV), By Battery Type (Lead Acid and Li-ion), By Battery Capacity (<100 kWh, 100–200 kWh, 201–300 kWh, >300 kWh), By Range (0–150 Miles, 151–250 Miles, 251–500 Miles, >500 Miles), By Seating Capacity (Up to 30, 31-40, 41-50, Above 50), By Length (6-8 m, 8-10m, 10-12 m, Above 12), By Body Type (Customizable Body, Fully Build), By Region, Competition Forecast & Opportunities, 2028

Product link: <https://marketpublishers.com/r/EA4056E2E32FEN.html>

Price: US\$ 4,400.00 (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/EA4056E2E32FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970