

Electric School Bus Fleet Management Market 2025-2029: Unveiling Growth Developments with the Latest Updates

The Business Research Company's Electric School Bus Fleet Management Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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What Is The Expected Cagr For The Electric School Bus Fleet Management Market Through 2025?

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The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034”

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The [market size for managing electric school bus fleets](#) has seen an explosive growth in recent years. It is projected to expand from \$1.01 billion in 2024 to \$1.21 billion in 2025, with a compound annual growth rate (CAGR) of 20.6%. The surge seen during the historical period can be traced back to heightened urbanization, escalating fuel prices, heightened awareness of global warming, increased use of GPS tracking, and a rise in government grants.

In the coming years, substantial growth is anticipated in the electric school bus fleet management market, with its

size projected to soar up to \$2.54 billion in 2029, marking a compound annual growth rate (CAGR) of 20.2%. This projected surge in the forecast period can be credited to the proliferating incorporation of AI-operated fleet systems, escalating patronage of V2G technology, amplified demand for zero-emission transport, heightened utilization of telematics in fleet operations, and rising investment in smart charging infrastructure. Key trends anticipated during the forecast stretch include the progression in self-driving systems, the incorporation of blockchain for enhancing fleet transparency, technology induction for predictive maintenance, evolution in wireless charging infrastructure, and improvements in vehicle-to-everything communication.

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What Are The Driving Factors Impacting The Electric School Bus Fleet Management Market?

The burgeoning necessity for efficient student transit is predicted to spur the expansion of the electric school bus fleet management market in the future. School transit refers to the systematic, vehicle-oriented services that securely conduct pupils to and from education establishments and school-oriented activities. The surge in the need for school transit is primarily instigated by urbanisation, as extending city regions require expanded travel times and more organised transit arrangements to accommodate learners journeying larger distances to access schools. The escalating demand for school transit enhances the requirement for innovative fleet management systems that maximise route scheduling, vehicle monitoring, driver supervision, and operational effectiveness to manage the increased intricacy of pupil transit networks. For instance, in May 2024, the National Center for Education Statistics, a government agency in the US, reported that student transit costs rose from the fiscal year 2021 to the fiscal year 2022, indicating an increase of 14.5 percent. Therefore, the burgeoning necessity for school transit is propelling the expansion of the electric school bus fleet management market.

Which Players Dominate The Electric School Bus Fleet Management Industry Landscape?

Major players in the Electric School Bus Fleet Management Global Market Report 2025 include:

- Verizon Connect
- BYD Company Limited
- Daimler Truck AG
- First Student Inc.
- Transdev Group SA
- Blue Bird Corporation
- Lion Electric Company
- Geotab Inc.
- Zeelo Inc.
- BP Pulse

What Are The Upcoming Trends Of Electric School Bus Fleet Management Market In The Globe?

Key businesses in the electric school bus fleet management market are concentrating their efforts on creating improved solutions such as cutting-edge electric bus platforms. These initiatives aim to increase passenger safety and the efficiency of sustainable transit. The next-gen electric bus platform comprises innovative chassis and drivetrain systems exclusively engineered for electric buses. These new setups provide a host of benefits including enhanced energy efficiency, adaptable designs, scalability, rapid implementation, decreased running costs, and smarter city transportation. For example, Switch Mobility, an electrical commercial vehicle manufacturer based in India, introduced the Switch EiV 12 to the Indian market in June 2022. This electric bus platform is available in two versions, the EiV 12 low floor and the EiV 12 standard, catering to various applications like intra-city, inter-city, staff, school, and airport

tarmac transport. These buses are equipped with leading global EV design features and scalable lithium-ion NMC batteries, offering a driving range of up to 300 km on a single charge, extendable to 500 km with swift dual charging. The platform places great emphasis on impeccable efficiency, safety, and passenger comfort, integrating connected technology systems for real-time diagnostics and battery management.

[Global Electric School Bus Fleet Management Market Segmentation](#) By Type, Application, And Region

The electric school bus fleet management market covered in this report is segmented as

- 1) By Component: Software, Hardware, Services
- 2) By Solution: Fleet Tracking And Monitoring, Charging Management, Maintenance Management, Route Optimization, Safety And Security, Other Solutions
- 3) By Deployment Mode: Cloud-Based, On-Premises
- 4) By End-User: Public Schools, Private Schools, School Districts, Other End-Users

Subsegments:

- 1) By Software: Fleet Management Software (FMS), Route Optimization Software, Electric Vehicle Battery Management Software, Telematics Software, Driver Behavior Monitoring Software, Parent Communication Application
- 2) By Hardware: Onboard Telematics Devices, Global Positioning System (GPS) Trackers, In-Cabin Monitoring Cameras, Charging Infrastructure Equipment, Sensors And Actuators, Electric Vehicle (EV) Diagnostic Tools
- 3) By Services: Fleet Maintenance And Repair Services, Software As A Service (SaaS), Driver Training Services, Remote Monitoring And Support Services, Energy Management And Consulting Services, Installation And Integration Services

View the full electric school bus fleet management market report:

<https://www.thebusinessresearchcompany.com/report/electric-school-bus-fleet-management-global-market-report>

Which Region Holds The Largest Market Share In The Electric School Bus Fleet Management Market?

In the Electric School Bus Fleet Management Global Market Report 2025, it was projected that North America would lead the market as the biggest regional player in 2024. The report provides coverage of various regions including Asia-Pacific, Western Europe, Eastern Europe, South America, Middle East and Africa, along with North America.

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