

# Global Connected Electric Vehicles Market Growth 2026-2032

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## Abstracts

The global Connected Electric Vehicles market size is predicted to grow from US\$ 601624 million in 2025 to US\$ 1334978 million in 2032; it is expected to grow at a CAGR of 12.4% from 2026 to 2032.

Connected Electric Vehicles are electrified road vehicles built on batteries, e-drives, power electronics, vehicle controls and high-voltage electrical architectures, distinguished by embedded connectivity and a data feedback loop as core product attributes. They typically include battery electric and plug-in electrified models equipped with telematics and cellular connectivity modules, antennas, in-vehicle gateways and security components, and cloud interfaces that enable remote vehicle and battery monitoring, navigation and infotainment services, remote diagnostics and maintenance, fleet management, and OTA software updates; higher configurations may further add V2X connectivity and data collaboration for driver assistance. Connected EVs are widely used in passenger mobility and increasingly in ride-hailing, shared mobility, logistics fleets and public service operations, where uptime, remote operations, energy management and lifecycle governance for cybersecurity, data compliance and software updates are critical.

In 2025, global shipments of Connected Electric Vehicles are estimated at approximately 15.21 million units, supported by the scale-up of electric passenger cars and the rapid mainstream adoption of connectivity, remote services and OTA capabilities. Factory-gate FOB pricing typically ranges around USD 20,000-58,000 per vehicle, while the transaction midpoint for mass exported models is closer to the ~USD 27,000 per-vehicle level; the connectivity stack is usually monetized through trim structure and bundled software and service offerings rather than a standalone FOB add-on.

Connected electric vehicles are transforming electrification from a propulsion shift into an operable, upgradable digital product system. As centralized E/E architectures scale, connectivity becomes the foundation for intelligent cockpits, remote diagnostics, OTA updates and data feedback loops, extending value creation from one-time delivery to lifecycle services. For consumers, connected functions such as real-time navigation and content, vehicle visibility and remote control, and continuous software improvements are strengthening user experience and reducing uncertainty; for fleets and operators, connectivity directly converts into remote operations, energy management, safety and driver behavior oversight, and higher uptime, shifting electrification decisions from purchase-cost logic to lifecycle efficiency. With deeper coordination between charging networks and energy management, connected EVs can also act as linking nodes across mobility and energy systems, enabling recurring service revenue and ecosystem collaboration.

At the same time, connected EVs raise the governance bar. Cross-market commercialization increasingly depends on cybersecurity and software update management, where software defects, data compliance gaps or security incidents can scale rapidly into systemic risk; network evolution and regulatory requirements are also driving continuous upgrades in hardware and platforms, forcing supply chains to balance cost, reliability and compliance with greater precision. On the demand side, passenger users care more about connection stability, privacy and data transparency, and the real value of software features, while fleets focus on observable, manageable and auditable operations and controllable downtime risk. As coverage, OTA engineering maturity and cloud collaboration advance, connected EVs are positioned to become one of the most persistently monetizable mainstream forms within the global electrification landscape.

LP Information, Inc. (LPI) ' newest research report, the "Connected Electric Vehicles Industry Forecast" looks at past sales and reviews total world Connected Electric Vehicles sales in 2025, providing a comprehensive analysis by region and market sector of projected Connected Electric Vehicles sales for 2026 through 2032. With Connected Electric Vehicles sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Connected Electric Vehicles industry.

This Insight Report provides a comprehensive analysis of the global Connected Electric Vehicles landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report

also analyzes the strategies of leading global companies with a focus on Connected Electric Vehicles portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Connected Electric Vehicles market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Connected Electric Vehicles and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Connected Electric Vehicles.

This report presents a comprehensive overview, market shares, and growth opportunities of Connected Electric Vehicles market by product type, application, key manufacturers and key regions and countries.

#### Segmentation by Type:

Battery Electric Vehicles

Plug In Hybrid Electric Vehicles

Range Extended Electric Vehicles

Others

#### Segmentation by Intelligence Feature Tier:

Basic Connected

Advanced Connected

Assisted Driving Level Two

Others

#### Segmentation by E E Architecture:

Distributed ECU Architecture

Domain Control Architecture

Zonal Control Architecture

Centralized Computing Architecture

#### Segmentation by Battery Chemistry:

Lithium Iron Phosphate

Nickel Manganese Cobalt

Nickel Cobalt Aluminum

Others

#### Segmentation by Application:

Passenger Vehicles

Light Commercial Vehicles

Buses

#### This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

BYD Company Limited

SAIC Motor Corporation Limited

Chery Automobile Co., Ltd.

Great Wall Motor Company Limited

Chongqing Changan Automobile Co., Ltd.

NIO Inc.

XPeng Inc.

Li Auto Inc.

Tesla, Inc.

Bayerische Motoren Werke AG

Mercedes-Benz Group AG

Ford Motor Company

Renault Group

Hyundai Motor Company

## **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Connected Electric Vehicles market?

What factors are driving Connected Electric Vehicles market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Connected Electric Vehicles market opportunities vary by end market size?

How does Connected Electric Vehicles break out by Type, by Application?

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