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Global V2G Automotive Inductive Wireless Charging Systems Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global V2G Automotive Inductive Wireless Charging Systems market size was valued at US$ 134 million in 2024 and is forecast to a readjusted size of USD 956 million by 2031 with a CAGR of 32.3% during review period.

V2G Automotive Inductive Wireless Charging System is an important technological innovation for the future development of smart grids and electric vehicles (EVs).V2G technology allows EVs to not only absorb power from the grid for charging, but also feed power from the battery back into the grid to provide auxiliary services, helping to balance the load on the grid and improve energy efficiency. Inductive wireless charging technology, on the other hand, realises energy transmission through electromagnetic induction, eliminating the need for a physical connection and enhancing user convenience and system flexibility. Combining V2G technology with wireless charging has the potential to significantly improve energy management, optimise grid operations and accelerate the adoption of renewable energy.

This report is a detailed and comprehensive analysis for global V2G Automotive Inductive Wireless Charging Systems market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

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Key Features:

Global V2G Automotive Inductive Wireless Charging Systems market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global V2G Automotive Inductive Wireless Charging Systems market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global V2G Automotive Inductive Wireless Charging Systems market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2020-2031

Global V2G Automotive Inductive Wireless Charging Systems market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2020-2025

The Primary Objectives in This Report Are:
To determine the size of the total market opportunity of global and key countries
To assess the growth potential for V2G Automotive Inductive Wireless Charging Systems
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global V2G Automotive Inductive Wireless Charging Systems market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Bosch, Qualcomm, Texas Instruments, WiTricity, Fulton Innovation, Valeo, Elix, Momentum Dynamics, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

V2G Automotive Inductive Wireless Charging Systems market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate

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calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Electromagnetic Induction

Magnetic Resonance

Others

Market segment by Application

Passenger Cars

Commercial Cars

Major players covered

Bosch

Qualcomm

Texas Instruments

WiTricity

Fulton Innovation

Valeo

Elix

Momentum Dynamics

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Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe V2G Automotive Inductive Wireless Charging Systems product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of V2G Automotive Inductive Wireless Charging Systems, with price, sales quantity, revenue, and global market share of V2G Automotive Inductive Wireless Charging Systems from 2020 to 2025.

Chapter 3, the V2G Automotive Inductive Wireless Charging Systems competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the V2G Automotive Inductive Wireless Charging Systems breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025.and V2G Automotive Inductive Wireless Charging Systems market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of V2G Automotive Inductive Wireless Charging Systems.

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Chapter 14 and 15, to describe V2G Automotive Inductive Wireless Charging Systems sales channel, distributors, customers, research findings and conclusion.

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