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# Global Automotive Inductive Wireless Charging Systems Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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## Abstracts

Summary

Electric vehicles are gaining importance in modern times because of the rise in global fuel prices and alarming levels of air pollution. There is widespread concern about the negative effects of global warming. In such a scenario the rapid adoption of electric vehicles is seen as the most viable solution. The time taken to charge electric vehicles was one of the major concerns, but with the advent of wireless inductive charging this issue has been resolved. Inductive wireless charging is considered a major breakthrough as it has made the use of plugs and cords redundant. Inductive charging takes place when an electromagnetic field transfers energy between two coils.

Advantages

Protected connections – No corrosion when the electronics are all enclosed, away from water or oxygen in the atmosphere. Less risk of electrical faults such as short circuit due to insulation failure, especially where connections are made or broken frequently.

Low infection risk – For embedded medical devices, transmission of power via a magnetic field passing through the skin avoids the infection risks associated with wires penetrating the skin.

Durability – Without the need to constantly plug and unplug the device, there is significantly less wear and tear on the socket of the device and the attaching cable.

Increased convenience and aesthetic quality – No need for cables

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Disadvantages

Slower charging – Due to the lower efficiency, devices take longer to charge when supplied power is the same amount.

More expensive – Inductive charging also requires drive electronics and coils in both device and charger, increasing the complexity and cost of manufacturing.

According to APO Research, The global Automotive Inductive Wireless Charging Systems market is projected to grow from US$ million in 2024 to US$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Automotive Inductive Wireless Charging Systems is estimated to increase from $ million in 2024 to reach $ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Automotive Inductive Wireless Charging Systems is estimated to increase from $ million in 2024 to reach $ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Automotive Inductive Wireless Charging Systems is estimated to increase from $ million in 2024 to reach $ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Automotive Inductive Wireless Charging Systems is estimated to increase from $ million in 2024 to reach $ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Automotive Inductive Wireless Charging Systems include Bosch, Qualcomm, Texas Instruments, WiTricity and Fulton Innovation, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the Automotive Inductive Wireless Charging Systems production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Automotive Inductive Wireless Charging Systems by region (region level and country level), by company, by

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type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Automotive Inductive Wireless Charging Systems, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Automotive Inductive Wireless Charging Systems, also provides the consumption of main regions and countries. Of the upcoming market potential for Automotive Inductive Wireless Charging Systems, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Automotive Inductive Wireless Charging Systems sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Automotive Inductive Wireless Charging Systems market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Automotive Inductive Wireless Charging Systems sales, projected growth trends, production technology, application and end-user industry.

Automotive Inductive Wireless Charging Systems segment by Company

Bosch

Qualcomm

Texas Instruments

WiTricity

Fulton Innovation

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Automotive Inductive Wireless Charging Systems segment by Type

Electromagnetic Induction

Magnetic Resonance

Automotive Inductive Wireless Charging Systems segment by Application

Passenger Vehicles

Commercial Vehicles

Automotive Inductive Wireless Charging Systems segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

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- Japan
- South Korea
- India
- Australia
- China Taiwan
- Indonesia
- Thailand
- Malaysia

Latin America

- Mexico
- Brazil
- Argentina

Middle East & Africa

- Turkey
- Saudi Arabia
- UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.

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2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.

3. To split the breakdown data by regions, type, manufacturers, and Application.

4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.

5. To identify significant trends, drivers, influence factors in global and regions.

6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Automotive Inductive Wireless Charging Systems market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Automotive Inductive Wireless Charging Systems and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception

concerning the adoption of Automotive Inductive Wireless Charging Systems.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Automotive Inductive Wireless Charging Systems market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Automotive Inductive Wireless Charging Systems industry.

Chapter 3: Detailed analysis of Automotive Inductive Wireless Charging Systems market competition landscape. Including Automotive Inductive Wireless Charging Systems manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Automotive Inductive Wireless Charging Systems by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Automotive Inductive Wireless Charging Systems in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market

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development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

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## 8 GLOBAL AUTOMOTIVE INDUCTIVE WIRELESS CHARGING SYSTEMS CONSUMPTION BY REGION

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