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Global Wireless Charging Module For Vehicle Mobile Phone (OEM) Market Research Report 2026(Status and Outlook)

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Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Wireless Charging Module For Vehicle Mobile Phone (OEM) competitive dynamics, regional economic interdependencies, and supply chain reconfigurations.Wireless charging module for vehicle mobile phone (OEM) is an integrated electronic assembly designed to provide wireless power transfer to smartphones inside vehicles. It typically complies with the Qi standard, incorporating a transmitter coil, control circuit, electromagnetic shielding, and thermal management components to safely and efficiently deliver power without physical connectors. As an OEM (Original Equipment Manufacturer) component, this module is embedded by automakers into center consoles, armrests, or dashboards, enabling users to charge compatible phones by simply placing them on the charging surface.Wireless Charging Module For Vehicle Mobile Phone?OEM?refers to a wireless charging system that is integrated into the vehicle by the original equipment manufacturer (OEM) before the vehicle leaves the factory. It uses electromagnetic induction or magnetic resonance technology to provide a convenient charging solution for smartphones that meet the Qi standard. With the acceleration of the trend of intelligent and networked vehicles, the in-vehicle wireless charging module has become an important configuration to improve the user experience, and the market demand continues to grow. The popularization of wireless charging technology has benefited from the global wireless charging standardization process, such as the Qi wireless charging standard (WPC). The unification of industry standards will help improve the adaptability and user experience of vehicle manufacturers. The Qi 2.0 standard is about to be implemented, using magnetic suction to charge, improve wireless charging efficiency, and enhance user experience.From a regional perspective, the Chinese market has changed rapidly in the

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past few years. The Chinese market is one of the regions with a high penetration rate of in-vehicle wireless charging modules in the world. In 2024, the penetration rate of front-mounted wireless charging modules has exceeded 42%, and it continues to rise driven by new energy vehicles. As the penetration rate of new energy vehicles in China has exceeded 40%, wireless charging has become a standard feature of smart cockpits. It is expected that by 2031, the penetration rate of front-mounted wireless charging modules may exceed 60%. The penetration rate of wireless charging modules in Southeast Asia, India and emerging markets is low, and the overall penetration rate is insufficient, but with the development of new energy vehicles, it will become the main growth point of the global in-vehicle wireless charging market in the future.From the perspective of product type and technology, 40/50W occupies an important position, with a share of approximately 33.19% in 2024. In recent years, wireless charging technology has developed from 5W to 15W or even higher, which has improved charging efficiency, narrowed the gap with wired charging, and enhanced market competitiveness. At present, most in-vehicle wireless charging on the market is in the 10W-15W range. In the future, high-power wireless charging (30W-100W) will become the mainstream, shortening charging time and improving user experience. Some high-end models have begun to adopt higher-power wireless charging solutions, such as 40W-50W, to improve charging efficiency and shorten charging time. High-power wireless charging will become the future development direction. The introduction of the Qi 2.0 standard is expected to accelerate the application of magnetic wireless charging technology in the automotive field and improve charging stability.From the perspective of product market application, the share of new energy vehicles in 2024 is about 56.04%. In the past, wireless charging modules were mainly used in luxury models, and mid-to-high-end fuel vehicles have gradually made wireless charging a standard or optional feature, such as BMW, Mercedes-Benz, Audi and other models. Now, with the decline in technology costs, mid-range and new energy models are gradually becoming standard features, and market penetration has increased. Since new energy vehicles generally adopt more advanced electronic architectures and intelligent cockpit systems, they are more compatible with wireless charging modules, driving market demand growth. Compared with traditional fuel vehicles, new energy vehicles are more likely to popularize wireless charging. Brands such as Tesla, BYD, and Weilai are promoting wireless charging modules in their models.From the perspective of manufacturers, the core manufacturers ofIn-Vehicle Wireless Charger mainly include Continental, Laird, Huayang, LG Electronics and Tesla. In 2024, the top five manufacturers in the world accounted for a total of 65.95% of the market share, and it is expected that industry competition will become more intense in the next few years, especially in the China market.

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The global Wireless Charging Module For Vehicle Mobile Phone (OEM) market size was estimated at USD 1280.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 16.70% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Wireless Charging Module For Vehicle Mobile Phone (OEM) market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Wireless Charging Module For Vehicle Mobile Phone (OEM) market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Wireless Charging Module For Vehicle Mobile Phone (OEM) market.

Global Wireless Charging Module For Vehicle Mobile Phone (OEM) Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse

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customer groups.

Key Company

Continental
Laird
Huayang
LG Electronics
Tesla
Hefei InvisPower
Aptiv
Luxshare Precision Industry
Nidec
Zhejiang Taimi Science and Technology
Shenzhen Sunway Communication

Market Segmentation (by Type)

15W
40/50W

Market Segmentation (by Application)

Internal Combustion Engines
New Energy Vehicles

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)
Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance

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Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Wireless Charging Module For Vehicle Mobile Phone (OEM) Market
Overview of the regional outlook of the Wireless Charging Module For Vehicle Mobile Phone (OEM) Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Wireless Charging Module For Vehicle Mobile Phone (OEM) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

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Chapter 7 provides the analysis of various market segments according to 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 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Wireless Charging Module For Vehicle Mobile Phone (OEM), their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change
This enables you to anticipate market changes to remain ahead of your competitors
You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents
The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly
Provision of market value data for each segment and sub-segment
Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market
Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

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Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled
Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players
The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions
Includes in-depth analysis of the market from various perspectives through Porter?s five forces analysis
Provides insight into the market through Value Chain
Market dynamics scenario, along with growth opportunities of the market in the years to come
6-month post-sales analyst support

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