

Wireless Electric Vehicle (EV) Charging Systems Market Size, Trends, Analysis, and Outlook by Type (Dynamic Wireless Charging System, Stationary Wireless Charging System), Charging System (Magnetic Power Transfer, Capacitive Power Transfer, Inductive Power Transfer), Component (Base Charging Pad, Power Control Unit, Vehicle Charging Pad), Distribution Channel (Aftermarket, OEM), Vehicle (Battery electric vehicle (BEV), Plug-in hybrid electric vehicle (PHEV), Hybrid electric vehicles (HEV)), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global Wireless Car Charging market size is poised to register 27.34% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Wireless Car Charging market by Type (Induction/Magnetic Coupling, Conductive/Direct Contact Charging), Vehicle (Lightweight Passenger Vehicle, Heavy Weight passenger Vehicle, Commercial Vehicle), Power Source (Battery, Fuel Cells, Solar Energy), Application (Public Spaces, Residential, Industry).

The Wireless Car Charging market is witnessing rapid growth driven by electric vehicle (EV) adoption, infrastructure expansion, and the demand for convenient, efficient charging solutions for EV owners. Wireless car charging systems utilize inductive charging technology to transfer electrical energy wirelessly between charging pads

installed in parking spaces and receiver coils integrated into EVs, eliminating the need for physical cable connections. Increasing government incentives, investment in charging infrastructure, and consumer demand for hassle-free charging experiences are driving market expansion. Looking towards 2030, the market is poised for further innovation with the development of dynamic charging systems, bidirectional energy transfer, and integration with smart grid networks, supporting widespread adoption of electric vehicles and sustainable transportation solutions..

Wireless Car Charging Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Wireless Car Charging market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Wireless Car Charging survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Wireless Car Charging industry.

Key market trends defining the global Wireless Car Charging demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Wireless Car Charging Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Wireless Car Charging industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Wireless Car Charging companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Wireless Car Charging industry

Leading Wireless Car Charging companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report

provides key strategies opted for by the top 10 Wireless Car Charging companies.

Wireless Car Charging Market Study- Strategic Analysis Review

The Wireless Car Charging market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis.

Explore potential market disruptions, technology advancements, and economic changes.

Wireless Car Charging Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Wireless Car Charging industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Wireless Car Charging Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Wireless Car Charging Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Wireless Car Charging market segments. Similarly, Strong end-user demand is encouraging Canadian Wireless Car Charging companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Wireless Car Charging market is expected to experience significant expansion, offering lucrative

opportunities for both domestic and international stakeholders.

Europe Wireless Car Charging Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Wireless Car Charging industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Wireless Car Charging market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Wireless Car Charging Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Wireless Car Charging in Asia Pacific. In particular, China, India, and South East Asian Wireless Car Charging markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Wireless Car Charging Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Wireless Car Charging Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Wireless Car Charging market potential. Fueled by increasing consumption expenditure, growing

population, and high demand across a few markets drives the demand for Wireless Car Charging.

Wireless Car Charging Market Company Profiles

The global Wireless Car Charging market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are AirCharge Ltd, Continental AG, Delphi Technologies PLC, Efacec Power Solutions, S.A., Evatran Group Inc, Hevo Power Inc, Integrated Device Technology Inc, Mennekes Elektrotechnik GmbH & Co. KG, WiTricity Corp, ZapGo Ltd.

Recent Wireless Car Charging Market Developments

The global Wireless Car Charging market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Wireless Car Charging Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

Type

Induction/Magnetic Coupling

Conductive/Direct Contact Charging

Vehicle

Lightweight Passenger Vehicle

Heavy Weight passenger Vehicle

Commercial Vehicle

Power Source

Battery

Fuel Cells

Solar Energy

Application

Public Spaces

Residential

Industry

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

AirCharge Ltd

Continental AG

Delphi Technologies PLC

Efacec Power Solutions, S.A.

Evatran Group Inc

Hevo Power Inc

Integrated Device Technology Inc

Mennekes Elektrotechnik GmbH & Co. KG

WiTricity Corp

ZapGo Ltd.

Formats Available: Excel, PDF, and PPT

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Type

Dynamic Wireless Charging System

Stationary Wireless Charging System

Charging System

Magnetic Power Transfer

Capacitive Power Transfer

Inductive Power Transfer

Component

Base Charging Pad

Power Control Unit

Vehicle Charging Pad

Distribution Channel

Aftermarket

OEM

Vehicle

Battery electric vehicle (BEV)

Plug-in hybrid electric vehicle (PHEV)

Hybrid electric vehicles (HEV)

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Continental AG

EFACEC - Energia, S.A.

Elix Wireless Inc

Evatran Group Inc

Hella Aglaia Mobile Vision GmbH

Hella Kgaa Hueck & Co.

HEVO Inc

Mojo Mobility Inc

Momentum Dynamics Corp

Robert Bosch GmbH

Tgood Electric Co

Toshiba Corp

Toyota Motor Corp

Witricity Corp

ZTE Corp

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