

Wireless EV Charging Market Size, Trends, Analysis, and Outlook by Type (Commercial Charging Stations, Home Charging Stations), Power Supply Range (3 to 11 kW, 11 to 50 kW, Above 50 kW), Charging (Dynamic Wireless Charging System, Stationary Wireless Charging System), Component (Base Charging Pad, Power Control Unit, Vehicle Charging Pad), Propulsion (Battery Electric Vehicle (BEV), Plug-In Hybrid Electric Vehicle (PHEV)), by Country, Segment, and Companies, 2024-2030

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Abstracts

The global Wireless EV Charging market size is poised to register 31.6% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The study analyzes the global Wireless EV Charging market by Type (Commercial Charging Stations, Home Charging Stations), Power Supply Range (3 to 11 kW, 11 to 50 kW, Above 50 kW), Charging (Dynamic Wireless Charging System, Stationary Wireless Charging System), Component (Base Charging Pad, Power Control Unit, Vehicle Charging Pad), Propulsion (Battery Electric Vehicle (BEV), Plug-In Hybrid Electric Vehicle (PHEV)).

The Wireless EV Charging market is experiencing significant growth driven by advancements in electric vehicle technology, smart city initiatives, and the need for convenient, accessible charging infrastructure for EV owners. Wireless EV charging systems, also known as inductive charging or wireless power transfer (WPT) systems, enable EVs to charge without the need for physical cable connections, using electromagnetic fields to transfer energy between charging pads and onboard receivers.

Increasing EV adoption rates, urbanization trends, and regulatory support for clean transportation are driving market expansion. Looking towards 2030, the market is expected to witness further innovation with the development of high-power charging solutions, vehicle-to-grid (V2G) integration, and interoperable charging standards, enabling seamless, efficient, and sustainable EV charging experiences for drivers worldwide..

Wireless EV 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 EV Charging market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Wireless EV 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 EV Charging industry.

Key market trends defining the global Wireless EV 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 EV Charging Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Wireless EV 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 EV 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 EV Charging industry
Leading Wireless EV 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 EV Charging companies.

Wireless EV Charging Market Study- Strategic Analysis Review

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

The Wireless EV 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 EV 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 EV 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 EV Charging market segments. Similarly, Strong end-user demand is encouraging Canadian Wireless EV Charging companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Wireless EV Charging market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Wireless EV 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 EV 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 EV 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 EV 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 EV Charging in Asia Pacific. In particular, China, India, and South East Asian Wireless EV 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 EV 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 EV 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 EV Charging market potential. Fueled by increasing consumption expenditure, growing population, and high demand across a few markets drives the demand for Wireless EV

Charging.

Wireless EV Charging Market Company Profiles

The global Wireless EV 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 Bombardier Inc, Continental AG, Evatran Group Inc, Hella KGaA Hueck & Co., Qualcomm Inc, Robert Bosch GmbH, Toshiba Corp, Toyota Motor Corp, Witricity Corp, ZTE Corp.

Recent Wireless EV Charging Market Developments

The global Wireless EV 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 EV 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

Commercial Charging Stations

Home Charging Stations

Power Supply Range

3 to 11 kW

11 to 50 kW

Above 50 kW

Charging

Dynamic Wireless Charging System
Stationary Wireless Charging System
Component
Base Charging Pad
Power Control Unit
Vehicle Charging Pad
Propulsion
Battery Electric Vehicle (BEV)
Plug-In Hybrid Electric Vehicle (PHEV)

Geographical Segmentation:
North America (3 markets)
Europe (6 markets)
Asia Pacific (6 markets)
Latin America (3 markets)
Middle East Africa (5 markets)

Companies
Bombardier Inc
Continental AG
Evatran Group Inc
Hella KGaA Hueck & Co.
Qualcomm Inc
Robert Bosch GmbH
Toshiba Corp
Toyota Motor Corp
Witricity Corp
ZTE Corp.
Formats Available: Excel, PDF, and PPT

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Power Supply Range

3 TO 11 KW

11 TO 50 KW

Above 50 kW

Charging

Dynamic Wireless Charging System

Stationary Wireless Charging System

Component

Base Charging Pad

Power Control Unit

Vehicle Charging Pad

Propulsion

Battery Electric Vehicle (BEV)

Plug-In Hybrid Electric Vehicle (PHEV)

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