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Global EV Wireless Charging Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global EV Wireless Charging market size is expected to reach $ 326 million by 2032, rising at a market growth of 19.8% CAGR during the forecast period (2026-2032).

Wireless charging for electric vehicles is a new type of contactless power supply technology for electric vehicles. It achieves the transmission of grid power to the vehicle's power battery without physical contact through magnetic field coupling between the ground transmitter and the vehicle receiver, completely eliminating the plug-in interface and cable connection of traditional wired charging.

Upstream of EV wireless charging mainly includes power semiconductor devices, magnetic materials, copper for coils, insulation and packaging materials, control chips, communication modules, as well as structural and thermal management materials, all of which directly affect system efficiency, power level, and reliability. Downstream demand is the core focus and is concentrated in passenger electric vehicles, taxi and ride-hailing fleets, buses and logistics vehicles, as well as parking lots and residential charging scenarios. Downstream users emphasize convenience, automation level, and compatibility with existing vehicle platforms and parking infrastructure, especially in high-frequency use cases where wireless charging can significantly reduce manual operation and improve fleet efficiency. Industry development trends include higher power levels, increasing standardization, and diversified application scenarios, with systems evolving from low-power charging toward medium- and high-power solutions and deeper integration with automated parking and smart parking management systems. Key drivers include the continuous growth of the EV fleet, rising demand for convenient and seamless charging experiences, stronger reliance on automated charging for autonomous driving and fleet operations, and the upgrade of urban public charging infrastructure. Major constraints involve lower efficiency compared with wired charging,

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higher installation and retrofit costs, incomplete standard unification, and stringent electromagnetic compatibility and safety certification requirements. From a profitability perspective, EV wireless charging is still in the early stage of commercialization, with gross margins typically ranging from 30% to 45%, generally higher than those of conventional wired chargers. However, margins vary widely among suppliers due to project-based deliveries and limited market scale, and companies with strong core technologies and system integration capabilities are better positioned to sustain higher profitability.

This report studies the global EV Wireless Charging demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for EV Wireless Charging, and provides market size (US$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of EV Wireless Charging that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global EV Wireless Charging total market, 2021-2032, (USD Million)
Global EV Wireless Charging total market by region & country, CAGR, 2021-2032, (USD Million)
U.S. VS China: EV Wireless Charging total market, key domestic companies, and share, (USD Million)
Global EV Wireless Charging revenue by player, revenue and market share 2021-2026, (USD Million)
Global EV Wireless Charging total market by Type, CAGR, 2021-2032, (USD Million)
Global EV Wireless Charging total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global EV Wireless Charging market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Valeo, Conductix-Wampfler, ENRX, WiTricity, Electreon, InductEV, WAVE, IPT Technology, HEVO, Evatran, etc.

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

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Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world EV Wireless Charging market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global EV Wireless Charging Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global EV Wireless Charging Market, Segmentation by Type:

Electromagnetic Induction

Magnetic Resonance

Radio Wave

Global EV Wireless Charging Market, Segmentation by Technology:

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Static Wireless Charging

Dynamic Wireless Charging

Global EV Wireless Charging Market, Segmentation by Coupling Type:

Planet Coupling

Rail Coupling

Other

Global EV Wireless Charging Market, Segmentation by Application:

Home Use

Urban Public Parking Lots

Industrial Parks/Ports/Mines

Urban Public Transport

Municipal Use

Other

Companies Profiled:

Valeo

Conductix-Wampfler

ENRX

WiTricity

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Electreon

InductEV

WAVE

IPT Technology

HEVO

Evatran

WiPowerOne

Magment

Key Questions Answered

1. How big is the global EV Wireless Charging market?
2. What is the demand of the global EV Wireless Charging market?
3. What is the year over year growth of the global EV Wireless Charging market?
4. What is the total value of the global EV Wireless Charging market?
5. Who are the Major Players in the global EV Wireless Charging market?
6. What are the growth factors driving the market demand?

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