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

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Abstracts

The global Wireless Charging market size is expected to reach $ 88530 million by 2032, rising at a market growth of 19.5% CAGR during the forecast period (2026-2032).

Wireless charging refers to the transfer of electric power across an air gap without physical connectors, using electromagnetic fields to deliver energy from a transmitter to a receiver embedded in the end device. The mainstream technology routes include inductive charging, magnetic resonance, radio frequency–based power transfer and beam-steered electromagnetic waves. Among these, Qi/Qi2-based inductive and magnetic-alignment solutions dominate consumer applications such as smartphones, wearables and small appliances, while in-car wireless charging, wireless-enabled furniture and public charging tables/countertops integrate coils into vehicles and commercial/office environments to enable a “drop-and-charge” experience. With the maturation of standards and advances in power semiconductors, 25 W-class and higher-power fast wireless charging is scaling quickly, enabling multi-device fast charging and more sophisticated power management.

Beyond consumer electronics, wireless charging is extending into electric vehicles, industrial robots and medical wearable/implantable devices, addressing medium- to high-power and high-reliability use cases. In these scenarios, wireless power can simplify mechanical interfaces, reduce wear-and-tear and sealing costs, and improve water-/dust-proofing and contamination resistance. As next-generation standards such as Qi2 gain traction and automotive-grade/medical-grade solutions mature, wireless charging is becoming a foundational technology for “port-less devices” and “ambient, invisible power” in smart spaces.

Wireless Charging Market Entering the Era of Portless Devices

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As consumer electronics, electrified equipment and smart environments continue to evolve, wireless charging is emerging as a default capability across hardware ecosystems. From smartphones to wearables, from automotive dashboards to commercial desktops, cable-free power delivery is reshaping user expectations for convenience and seamless interaction. The rapid implementation of Qi2 and other mainstream standards enables magnetic alignment, higher efficiency and multi-device fast charging, providing brands with a powerful upgrade cycle. At the same time, advancements in power semiconductors and magnetic materials are reducing system losses and improving cost-performance, strengthening the foundation for large-scale adoption.

Growth Momentum and Market Opportunities

The expansion of the wireless charging market is supported by multiple structural growth drivers. Rising penetration of smartphones and wearables is stimulating demand for higher power, more stable, and more user-friendly charging solutions. Automotive OEMs are quickly adopting in-vehicle wireless charging, making “drop-and-charge” experiences standard in intelligent cockpits. Meanwhile, smart homes, offices and commercial venues are integrating embedded wireless power modules to create ubiquitous charging environments. Looking ahead, the true market breakout will come from new categories of portless and sealed devices, including portless smartphones, underwater/medical-use devices, and intelligent robots, where high reliability and full enclosure are essential, and wireless charging provides the enabling technology.

Challenges, Risks and Demand Trends

Despite its promising outlook, the industry faces challenges related to system efficiency, cross-brand compatibility, thermal management and standard harmonization. High-power use cases still require optimization in cost and energy performance, while increasingly strict global regulations on electromagnetic exposure and safety demand stronger R&D and compliance capabilities. Looking forward, downstream demand will shift toward deeper integration of wireless charging into devices, furniture and vehicles, transforming it into spatial infrastructure rather than a standalone accessory. With the rise of portless smartphones, commercialization of ambient smart spaces and wider adoption of in-vehicle wireless charging, the global market is expected to enter a phase of structural acceleration from 2025 to 2031, moving toward a truly ambient power era.

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

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regions.

This report is a detailed and comprehensive analysis of the world market for 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 Wireless Charging that contribute to its increasing demand across many markets.

Highlights and key features of the study
Global Wireless Charging total market, 2021-2032, (USD Million)
Global Wireless Charging total market by region & country, CAGR, 2021-2032, (USD Million)
U.S. VS China: Wireless Charging total market, key domestic companies, and share, (USD Million)
Global Wireless Charging revenue by player, revenue and market share 2021-2026, (USD Million)
Global Wireless Charging total market by Type, CAGR, 2021-2032, (USD Million)
Global Wireless Charging total market by Application, CAGR, 2021-2032, (USD Million)
This report profiles major players in the global 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 WiTricity Corporation, Powermat Technologies Ltd., Energous Corporation, Ossia Inc., Texas Instruments Incorporated (TI), Qualcomm Incorporated, NXP Semiconductors N.V., Infineon Technologies AG, Renesas Electronics Corporation, Murata Manufacturing Co., Ltd., etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world 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.

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Global Wireless Charging Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Wireless Charging Market, Segmentation by Type:

Inductive Wireless Charging

Magnetic Resonance Wireless Charging

Radio Frequency Wireless Charging

Others

Global Wireless Charging Market, Segmentation by Power Level:

Low Power (
Medium Power (15–60 W)

High Power (60–500 W)

Ultra High Power (> 500 W)

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Global Wireless Charging Market, Segmentation by Installation Scenario:

Desktop Chargers

In-Vehicle Integrated Chargers

Ground Charging Pads

Others

Global Wireless Charging Market, Segmentation by Standard and Protocol Ecosystem:

Qi Standard Ecosystem

AirFuel Resonant Ecosystem

Proprietary Or Vendor-Specific Standards

Others

Global Wireless Charging Market, Segmentation by Application:

Consumer Electronics

Automotive And Mobility

Medical And Healthcare

Industrial And Infrastructure

Companies Profiled:

WiTricity Corporation

Powermat Technologies Ltd.

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Energous Corporation

Ossia Inc.

Texas Instruments Incorporated (TI)

Qualcomm Incorporated

NXP Semiconductors N.V.

Infineon Technologies AG

Renesas Electronics Corporation

Murata Manufacturing Co., Ltd.

Wits Co., Ltd. (subsidiary of Chemtronics)

Belkin International, Inc.

Shenzhen Lantaisi Technology Co., Ltd.

Shenzhen Huagon Technology Co., Ltd.

Gopod Group Holding Limited

Xiamen Newyea Science and Technology Co., Ltd.

WCC (Wireless Charging Coil Manufacturer)

Southchip Semiconductor Technology Co., Ltd.

Luxshare Precision Industry Co., Ltd.

Shenzhen D-Wireless Co., Ltd.

Key Questions Answered

1. How big is the global Wireless Charging market?

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

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Contents

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6 MARKET ANALYSIS BY APPLICATION

7 COMPANY PROFILES

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List Of Tables

LIST OF TABLES

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List Of Figures

LIST OF FIGURES

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