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Global Wireless Power Receivers Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Wireless Power Receivers market size is expected to reach $ 27585 million by 2032, rising at a market growth of 13.9% CAGR during the forecast period (2026-2032).

Wireless power receivers are key components in wireless charging systems, responsible for receiving energy transmitted from a power transmitter and converting it into usable electrical power. They are typically based on electromagnetic induction or magnetic resonance technologies and are widely used in consumer electronics, wearable devices, electric vehicles, and industrial equipment.
Global production of wireless power receivers is projected to reach 4.8 billion units by 2025, with an average price of $2.3 per unit.

The upstream of the industry chain includes semiconductor devices, power management ICs, coil materials, electronic components, and wireless power transfer technologies. Downstream applications are concentrated in smartphones, smartwatches, earbuds, and other consumer electronics, as well as medical devices, wireless EV charging systems, and industrial automation equipment. Consumer electronics currently represent the largest market, driven by demand for convenient charging experiences. Wearable devices require compact and low-power receivers, while wireless charging for electric vehicles is still emerging but has strong growth potential. Industrial applications emphasize reliability and durability. Development trends include improved charging efficiency, breakthroughs in longer-distance transmission, miniaturization, and the development of unified multi-device compatibility standards. Wireless power receivers are evolving toward higher power, greater efficiency, and higher integration, while becoming increasingly integrated with IoT devices. Driving factors include innovation in consumer electronics, proliferation of smart devices,

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demand for convenience, and gradual standardization of wireless charging technologies. Constraints include energy transfer efficiency limitations, heat generation issues, relatively high costs, and compatibility challenges among different standards. Overall industry gross margins are at a mid-to-high level, typically ranging from 20% to 40%, depending on technological capability, scale, and customer mix.

This report studies the global Wireless Power Receivers production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study
Global Wireless Power Receivers total production and demand, 2021-2032, (Million Units)
Global Wireless Power Receivers total production value, 2021-2032, (USD Million)
Global Wireless Power Receivers production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Million Units), (based on production site)
Global Wireless Power Receivers consumption by region & country, CAGR, 2021-2032 & (Million Units)
U.S. VS China: Wireless Power Receivers domestic production, consumption, key domestic manufacturers and share
Global Wireless Power Receivers production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Million Units)
Global Wireless Power Receivers production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)
Global Wireless Power Receivers production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Million Units)

This report profiles key players in the global Wireless Power Receivers market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Texas Instruments, NXP Semiconductors, Renesas Electronics, STMicroelectronics, Analog Devices, Qualcomm, Apple, Infineon Technologies, ROHM Semiconductor, Toshiba, etc.

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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 Power Receivers market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Million Units) and average price (US$/Unit) by manufacturer, 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 Wireless Power Receivers Market, By Region:

- United States
- China
- Europe
- Japan
- South Korea
- ASEAN
- India
- Rest of World

Global Wireless Power Receivers Market, Segmentation by Type:

- Less than 5 W
- 5–15 W

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15–50 W

More than 50 W

Global Wireless Power Receivers Market, Segmentation by Standard Compatibility:

Qi Standard Type

Qi plus PMA Dual-Mode Type

Proprietary Protocol Type

Global Wireless Power Receivers Market, Segmentation by Integration Level:

Receiver-and-Rectifier Type

Receiver-plus-Regulation Type

Receiver-plus-Battery-Charging Type

Global Wireless Power Receivers Market, Segmentation by Application:

Wireless Charging for Smartphones and Handheld Devices

Wireless Charging for Headsets and Wearables

In-Vehicle Wireless Charging

Industrial and Customized Wireless Power Systems

Companies Profiled:

Texas Instruments

NXP Semiconductors

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Renesas Electronics

STMicroelectronics

Analog Devices

Qualcomm

Apple

Infineon Technologies

ROHM Semiconductor

Toshiba

TDK

Voltaic

Injoinic

Maxic

Injoinic

Southchip

Jinxin Micro

Belande

Xinye Micro

Vipower

Key Questions Answered:

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1. How big is the global Wireless Power Receivers market?
2. What is the demand of the global Wireless Power Receivers market?
3. What is the year over year growth of the global Wireless Power Receivers market?
4. What is the production and production value of the global Wireless Power Receivers market?
5. Who are the key producers in the global Wireless Power Receivers market?
6. What are the growth factors driving the market demand?

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