

Wireless Power Transmission Market: Trends, Opportunities and Competitive Analysis

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Abstracts

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The future of wireless power transmission market looks promising with opportunities in the smartphones, notebooks & tablets, wearable electronics, and electric vehicle charging applications. The global wireless power transmission market is expected to reach an estimated \$35.0 billion by 2030 with a CAGR of 13.7% from 2024 to 2030. The major drivers for this market are increasing consumer preference for wireless connectivity, growth in electric vehicles, and increasing need for effective charging systems.

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

Wireless Power Transmission Market by Segments

The study includes trends and forecast for the global wireless power transmission market by technology, implementation, application, and region, as follows:

Wireless Power Transmission Market by Technology [Value (\$B) Shipment Analysis from 2018 to 2030]:

Near-Field Technology

o Inductive

- o Magnetic Resonance

- o Capacitive Coupling/Conductive

- o Far-Field Technology

- o Microwave/RF

- o Laser/Infrared

Wireless Power Transmission Market by Implementation [Value (\$B) Shipment Analysis from 2018 to 2030]:

- o Integrated

- o Aftermarket

Wireless Power Transmission Market by Application [Value (\$B) Shipment Analysis from 2018 to 2030]:

- o Receiver

- o Smartphones

- o Notebooks & Tablets

- o Wearable Electronics

- o Electric Vehicle Charging

- o Industrial

- o Transmitter

- o Standalone Chargers

- o Automotive (In Vehicle)
- o Electric Vehicle Charging
- o Industrial

Wireless Power Transmission Market by Region [Value (\$B) Shipment Analysis from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Wireless Power Transmission Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, wireless power transmission companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the wireless power transmission companies profiled in this report include-

Integrated Device Technology

Qualcomm

Samsung Electronics

TDK Corporation

Texas Instruments

Nucurrent

Murata Manufacturing Co.

Energizer Holdings

Witricity Corporation

Wireless Power Transmission Market Insights

Near-field technology, such as inductive and far-field technologies are used for wireless power transmission in various end use industries. Lucintel forecasts that inductive will remain the largest technology over the forecast period due its wide range of applications, such as smartphones, tablets, and wearable devices.

Smartphones will remain the largest segment due to increasing demand for premium smartphones with wireless charging capabilities and rising adoption of inductive wireless power transmission in various smartphones.

Asia Pacific will remain the largest region over the forecast period due to increasing demand for electronic products, such as smartphones, tablets, laptops, and wearable devices, increasing expenditure for research and development proficiencies, and favorable government policies to improve the renewable energy mix within the region.

Features of the Wireless Power Transmission Market

Market Size Estimates:Wireless power transmission market size estimation in terms of value (\$B)

Trend And Forecast Analysis:Market trends (2018-2023) and forecast (2024-2030) by various segments and regions.

Segmentation Analysis:Wireless power transmission market size by various segments, such as by technology, implementation, and application.

Regional Analysis:Wireless power transmission market breakdown by North

America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different technologies, implementations, applications, and regions for wireless power transmission market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for wireless power transmission market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is wireless power transmission market size?

Answer: The global wireless power transmission market is expected to reach an estimated \$35.0 billion by 2030.

Q2. What is the growth forecast for wireless power transmission market?

Answer: The global wireless power transmission market is expected to grow with a CAGR of 13.7% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of wireless power transmission market?

Answer: The major drivers for this market are increasing consumer preference for wireless connectivity, growth in electric vehicles, and increasing need for effective charging systems.

Q4. What are the major segments for wireless power transmission market?

Answer: The future of wireless power transmission market looks promising with opportunities in the smartphone, notebook, tablet, wearable electronic and electric vehicle charging applications.

Q5. What are the emerging trends in wireless power transmission market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include integration of wireless charging with electric vehicle charging applications, development of consumer electronics devices, and improvement in the usage of wireless power transmission technology in the automotive industry.

Q6. Who are the key wireless power transmission companies?

Answer: Some of the key wireless power transmission companies are as follows:

Integrated Device Technology

Qualcomm

Samsung Electronics

TDK Corporation

Texas Instruments

Nucurrent

Murata Manufacturing Co.

Energizer Holdings

Witricity Corporation

Q7. Which wireless power transmission segment will be the largest in future?

Answer: Lucintel forecasts that inductive under the near-field segment will remain the largest segment over the forecast period due to radiate technique that helps in long-distance wireless power transfer. Also, advanced batteries have been developed which is used in the market, and they are also used in the defense and healthcare sectors.

Q8. In wireless power transmission market, which region is expected to be the largest in next 5 years?

Answer: Asia Pacific will remain the largest region over the forecast period due to increasing demand for electronic products, such as smartphones, tablets, laptops, and wearable devices, increasing expenditure for research and development proficiencies, and rising favorable norms and incentives from various governments to improve the renewable energy blend within the region.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for wireless power transmission market by technology (near-field technology [inductive, magnetic resonance, and capacitive coupling/conductive] and far-field technology [microwave/RF, and laser/infrared]), implementation (integrated and aftermarket), application (receiver [smartphones, notebooks & tablets, wearable electronics, electric vehicle charging, and industrial] and transmitter [standalone charges, automotive (in vehicle), electric vehicle charging, and industrial]), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity did occur in the last five years and what has been the impact on the industry?

For any questions related to wireless power transmission market or related to wireless power transmission companies, wireless power transmission market size, wireless power transmission market share, wireless power transmission analysis, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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