

Wireless Power Transmission Market - Forecasts from 2017 to 2022

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Abstracts

The global wireless power transmission market is projected to witness the growth at a CAGR of 19.29% during the forecast period to reach a total market size of US\$15.856 billion by 2022, increasing from US\$6.563 billion in 2017. The application of consumer electronics such as smartphones, laptops, tablets etc. have been driving the growth of this market. However, the realization of a possibility of wireless power charging in other segments is majorly driving the growth of global wireless power transmission market during the forecast period. Moreover, rising consumer awareness regarding the benefits of wireless charging is supplementing the growth of this market.

By Application

Wireless-power transmission poses a huge potential for the future. In the near term, the consumer electronics segment is driving this market, where it is primarily used for charging portable devices, including smartphones, tablets, and wearable electronics. Wearable devices, also called tech togs or fashion electronics, are clothing and accessories incorporating computers and advanced electronics. However, in the long term, a huge scope of opportunities can be expected from the development and integration of wireless-power transmission in other applications, including healthcare, defense and automotive. For example, wireless charging for electric vehicles is beginning to emerge as an alternative to plugging in. Wireless charging enables energy transfer between a charging base and the vehicle's battery.

By Geography

Geographically, Europe is projected to grow at the highest rate during the forecast period. The growing market for electric vehicles in this region is likely to push wireless

power transmission market in the region as well. The Asia Pacific region is also likely to grow significantly during the forecast period owing to the region being the largest smartphone market. The major consumer electronics markets such as China, India, Japan, and South Korea are driving the growth of the Asia Pacific region in the wireless power transmission market.

Competitive Landscape

The global wireless power transmission market is competitive owing to the presence of well-diversified international, regional and local players. However, some big international players dominate the market share owing to their brand image and market reach. The high market growth and favorable government policies are further attracting more players in the market while enhancing the competitive rivalry. The competitive landscape details strategies, products, and investments being done by key players in different technologies and companies to boost their market presence.

Some of the major players discussed in the report are Samsung Electronics Co., Ltd, WiTricity Corporation, TDK Corporation, Murata Manufacturing Co., Ltd., Fulton Innovation LLC, Energous Corporation, Texas Instruments Incorporated, and Integrated Device Technology, Inc. among others.

Segmentation

Global wireless power transmission market has been segmented by technology, range, application, and geography.

By Technology

Magnetic Induction

Coupled Resonant

RF Rectifying Circuits

Laser Power Transmission

By Range

Short Range

Medium Range

Long Range

By Application

Consumer Electronics

Industrial

Automotive

Defence

Others

By Geography

North America

Europe

South America

Middle East and Africa

Asia Pacific

Key questions answered by the report

What will be the size of global wireless power transmission market from 2017 to 2022?

How are the major drivers and restraints affecting the global wireless power transmission market and the opportunities which exist for key vendors?

Which segment and region will drive or lead the market growth and why?

A comprehensive analysis of competitive landscape and key market participants' behavior

Key strategies being adopted by vendors, with in-depth analysis along with their impact on competition and market growth

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