

U.S. and China Wireless Charging Market Expected to Reach \$21,915.1 million by 2033

Exploring the Future: U.S. and China Lead in Wireless Charging Market Expansion, 2024-2033

WILMINGTON, DE, UNITED STATES, November 5, 2024 /EINPresswire.com/ -- Allied Market Research, titled, "[The U.S. and China Wireless Charging market](#) was valued at \$2,984.1 million in 2023 and is estimated to reach \$21,915.1 million by 2033, exhibiting a CAGR of 22.4% from 2024 to 2033.

□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□
& □□□:

<https://www.alliedmarketresearch.com/request-sample/A12376>



Wireless charging is a technology that allows electrical energy to be transferred from a power source to a device without physical connectors or cables. It typically uses electromagnetic fields to transfer energy between a charging pad (or station) and a compatible device, such as smartphones, tablets, or electric vehicles. The process involves two main components: a transmitter coil in the charging pad and a receiver coil in the device. When the device is placed on the charging pad, an alternating current in the transmitter coil generates an electromagnetic field, which induces a current in the receiver coil, charging the device's battery. This method offers convenience by reducing the need for wired connections and is often used in consumer electronics and emerging technologies.

“

Constantly evolving portable electronics and wearables etc. boost the U.S. & China Wireless Charging market growth.”

Allied Market Research

In China and the U.S., the use of wireless charging is driven by the surge in the adoption of smartphones, tablets, and electric vehicles. In both regions, the increase in demand for convenience and ease of use in wireless charging has pushed the adoption of wireless charging technologies. In China, the government's support for electric vehicles and smart technology

integration is expected to accelerate wireless charging infrastructure development. Similarly, in the U.S., the growth of the consumer electronics industry and automotive innovation helped the expansion of wireless charging solutions. In addition, advancements in wireless charging standards and increased product compatibility boost market growth. Both countries benefit from ongoing technological improvements and a push toward reducing cable clutter, enhancing user experience, and supporting sustainable energy solutions.

The evolution of electric vehicle (EV) charging technology is expected to transition from traditional plug-in methods to wireless solutions, which promise enhanced convenience and reduced cable handling. In this transformative shift, China is leading the global patent landscape for wireless EV charging technology. Since 2015, China has rapidly advanced in its patent filings, demonstrating a significant push in this domain. Currently, China holds nearly the same number of granted patents as compared to the U.S., however with 32% of its intellectual property as utility models and 37% as pending applications. Utility models, offering ten-year protection with a shorter prosecution time, highlight China's focus on practical and accessible innovation in wireless EV charging. WiTricity's patented technology forms the basis of China's national standard for wireless EV charging, ratified by the China Electricity Council (CEC) on April 28, 2020. Over the years, WiTricity collaborated with CEPRI, CATARC, and the CEC to drive this standardization, enabling widespread deployment of wireless charging for EVs in China and globally.

□□□ □□□□□□□□□□ □□□□□□□ □□□□ □□□'□□ □□□□□□□□□□□□□□:

<https://www.alliedmarketresearch.com/request-for-customization/A12376>

China's strategy emphasizes the development of wireless charging infrastructure, including charging piles, roadside stations, and dynamic charging solutions. This proactive approach is designed to advance the commercial adoption of wireless charging and integrate seamlessly with next-generation EV requirements. In contrast, the U.S. patents concentrate on inductive charge transfer, coil arrangements, and data control technologies, aligning with the SAE J2954 standard. Although the U.S. and China have similar numbers of patents, China's strategic focus on infrastructure and standardization, coupled with its early adoption of technology, positions it as a potential leader in commercial wireless EV charging.

WiTricity significantly impacts this landscape by acquiring around 1500 patents from Qualcomm in 2019, including essential patents for the GB standard. WiTricity has collaborated actively with Chinese companies to develop systems meeting the GB standard and licenses its technology to OEMs & emerging players in the EV sector. As China continues to invest in wireless charging infrastructure and standardization, it has gained a competitive edge over the U.S., which is expected to enhance its patenting efforts to close gaps in the wireless charging market.

□□□ □□□□□□□□□□ □□ □□□ □□□□□□

- The U.S. and China Wireless Charging market is expected to grow significantly in the coming

years, driven by the increase in investment in wireless charging technology.

- The market is expected to be driven by the demand for Wireless Charging in the EV sector in the U.S. and China.

- The market is highly competitive, with several major players competing for market share. The competition is expected to intensify in the coming years as new players enter the market.

- China is expected to be a major shareholder in the U.S. and China Wireless Charging market owing to its large consumer electronics base, rapid adoption of electric vehicles, government support for new energy technologies, and strong manufacturing capabilities. Additionally, China's leading role in technological advancements and innovation boosts its market position.

For more information, please contact: <https://www.alliedmarketresearch.com/purchase-enquiry/A12376>

For more information, please contact:

Allied Market Research is a top provider of market intelligence that offers reports from leading technology publishers. Our in-depth market assessments in our research reports consider significant technological advancements in the sector. In addition to other areas of expertise, AMR focuses on analyzing high-tech and advanced production systems. We have a team of experts who compile thorough research reports and actively advise leading businesses to enhance their current procedures. Our experts have a wealth of knowledge on the topics they cover. Also, they use a variety of tools and techniques when gathering and analyzing data, including patented data sources.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/757775916>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.