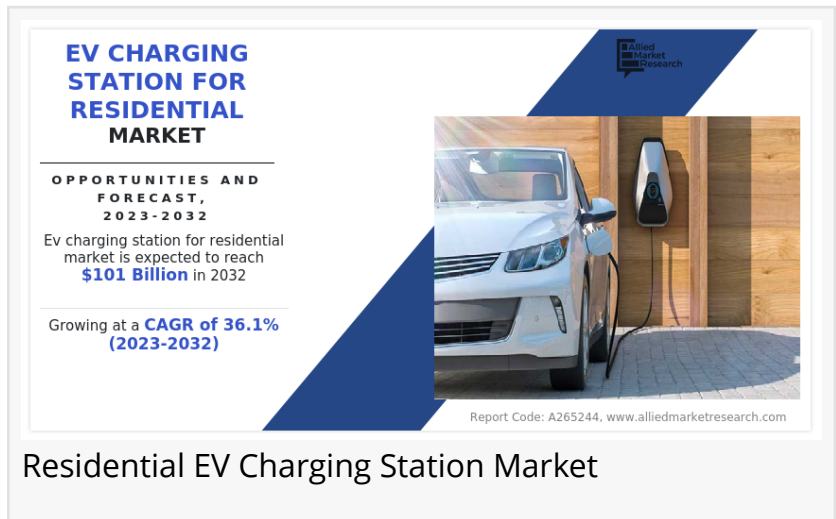


Residential EV Charging Station Market Set For 36.1% Growth, Expected to Reaching \$101 Billion by 2032

The global residential EV charging station market will grow with rising EV adoption and smart charging tech, led by Europe's dominance by 2032.

WILMINGTON, DE, UNITED STATES,
November 28, 2024 /

EINPresswire.com/ -- According to a new report published by Allied Market Research, the [residential EV charging station market size](#) was valued at \$5.4 billion in 2022, and is estimated to reach \$101 billion by 2032, growing at a CAGR of 36.1% from 2023 to 2032.



EV CHARGING STATION FOR RESIDENTIAL MARKET

OPPORTUNITIES AND FORECAST, 2023-2032

Ev charging station for residential market is expected to reach **\$101 Billion** in 2032

Growing at a **CAGR of 36.1%** (2023-2032)

Report Code: A265244, www.alliedmarketresearch.com

Residential EV Charging Station Market

Economically, installing EV charging stations in residential neighborhoods is expected to increase property values. According to surveys, homes with charging infrastructure are more appealing since they match the growing need for sustainable living options. Due to the global trend towards electric mobility, this enhanced ease appeals to environmentally conscious consumers and supports the notion that the home is future-proof. Another significant advantage for people who buy electric vehicles is significant cost savings. Charging an electric car at home is frequently less expensive than refueling a traditional internal combustion engine vehicle.

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Furthermore, some electrical providers offer special rates or incentives for off-peak charges, encouraging people to charge at times when their use is low. This dynamic pricing technique helps customers while also improving the efficiency of the energy system. Owners of electric cars appreciate the ease of charging their vehicles overnight, ensuring that their EVs are fully charged and ready for the day ahead. This lowers the need for homes to travel to public charging stations on a regular basis, saving time and effort.

Intensive charging operations in residential areas, especially during peak hours, may increase energy consumption and, in certain cases, strain the existing infrastructure. Upgrading the system to accommodate this demand may involve major financial and time investments. The installation of charging stations usually involves the use of dedicated parking spaces equipped with the necessary equipment.

The scarcity of parking spaces in densely populated residential areas is predicted to limit the widespread deployment of EV charging stations. Finding suitable installation locations while maintaining existing parking spaces may prove difficult. As technology in the field of electric vehicles continues to grow at a rapid speed, the possibility of technological degradation causes worry for household charging infrastructure.

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The increasing usage of renewable energy sources also indicates a promising future growth path for residential EV charging. Users may collect renewable energy for their vehicles by connecting solar panels and energy storage devices with home charging stations, promoting sustainability, and reducing dependency on traditional power sources. Public-private partnerships can help accelerate the development of household EV charging infrastructure, making the advantages of clean and sustainable mobility available to a larger proportion of the population. All these are the major factors anticipated to create several growth opportunities in residential EV charging station industry during the forecast period.

The residential EV charging station market share is segmented on the basis of charging station type, vehicle type, and region. By charging station type, it is classified into less than 11 kW, 11 kW - 50 kW, and above 50 kW. By vehicle type, it is divided into passenger cars and commercial vehicles. By region, the market is analyzed across North America, Europe, Asia-Pacific, and Latin America.

The key players profiled in the residential EV charging station market report include Tata Power, Siemens, ABB, Schneider Electric, Compleo Charging Solutions GmbH & Co. KG, Wallbox, Tesla, ChargePoint, Inc., Eaton Corporation plc, and Leviton.

The report offers a comprehensive analysis of the global Residential EV charging station market trends by thoroughly studying different aspects of the market including major segments, market statistics, market dynamics, regional market outlook, investment opportunities, and top players working towards the growth of the market. The report also highlights the present scenario and upcoming trends & developments that are contributing toward the growth of the market.

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Moreover, restraints and challenges that hold power to obstruct the market growth are also profiled in the report along with the Porter's five forces analysis of the market to elucidate factors such as competitive landscape, bargaining power of buyers and suppliers, threats of new players, and emergence of substitutes in the market.

Key Findings of the Study

1. Based on charging station type, the less than 11 kW sub-segment emerged as the global leader in 2022 and the 11 kW - 50 kW sub-segment is anticipated to be the fastest growing during the forecast period.
2. Based on vehicle type, the passenger cars sub-segment emerged as the global leader in 2022 and is predicted to show the fastest growth in the upcoming years.
3. Based on region, Europe registered the highest market share in 2022 and is projected to maintain its position during the forecast period.

About Us:

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AMR launched its user-based online library of reports and company profiles, Avenue. An e-access library is accessible from any device, anywhere, and at any time for entrepreneurs, stakeholders, researchers, and students at universities. With reports on more than 60,000 niche markets with data comprising 600,000 pages along with company profiles on more than 12,000 firms, Avenue offers access to the entire repository of information through subscriptions. A hassle-free solution to clients' requirements is complemented with analyst support and customization requests.

Contact:

David Correa

1209 Orange Street,
Corporation Trust Center,
Wilmington, New Castle,
Delaware 19801 USA.

Int'l: +1-503-894-6022

Toll Free: + 1-800-792-5285

UK: +44-845-528-1300

India (Pune): +91-20-66346060
Fax: +1-800-792-5285
help@alliedmarketresearch.com

David Correa
Allied Market Research
+1 800-792-5285

[email us here](#)

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