

# Electric Vehicle Charging Stations Market Size Attractiveness Analysis and Key Investment Opportunity and Forecast to 2030

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## Abstracts

### Market Overview

Electric vehicle charging stations are defined as a site where one or more EVSEs are installed. These sites can be residential, non-residential, or commercial. Electrical energy is supplied through special connectors that conform to the variety of electric charging connector standards for the recharging of plug-in electric vehicles—including electric cars, electric buses, and special-purpose electric vehicles.

### Market Highlights

Electric Vehicle Charging Stations Market is expected to project a notable CAGR of 33.35% in 2031

Electric Vehicle Charging Stations Market to surpass USD 291.01 billion by 2031 from USD 16.37 billion in 2021 at a CAGR of 33.35% in the coming years, i.e., 2022-31. Government initiatives to promote the adoption of electric vehicles and associated infrastructure, rising demand for electric vehicle fast-charging infrastructure, rising prevalence of range anxiety, and increased deployment of EVs by shared mobility operators are all contributing to the overall growth of the electric vehicle charging stations market.

### Electric Vehicle Charging Stations Market: Segments

segment to grow with the highest CAGR during 2021-31

Electric Vehicle Charging Stations Market is segmented by Connection Type into pantograph, connectors, and wireless charging. The connectors segment held the largest market share in 2021 and is anticipated to register the highest growth over the forecast period. The large share of this segment is mainly attributed to government initiatives to expand the DC fast-charging station infrastructure and increasing

investment by stakeholders of electric mobility in emerging economies for developing EV charging infrastructure.

Passenger Cars segment to grow with the highest CAGR during 2021-31  
Electric Vehicle Charging Stations Market is segmented by Vehicle Type into Passenger Cars, Heavy Commercial Vehicles, Light Commercial Vehicles, Two-wheelers & Scooters. Over the projection period, the Passenger Cars sector is expected to increase at the fastest rate. The segment's growth is attributed to the favorable government policies and subsidies for promoting the adoption of electric vehicles, growing awareness regarding the role of electric vehicles in reducing emissions, increasing fuel prices, and proactive participation by automotive OEMs in producing electric passenger vehicles.

#### Electric Vehicle Charging Stations Market: Key Players

IBM Corporation

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

R3TEK

Oracle Corporation

Linux Foundation

Microsoft Corporation

Tata Consultancy Services Limited

LeewayHertz

Chain, Inc.

JD.com, Inc.

Itransition

#### Electric Vehicle Charging Stations Market: Regions

Electric Vehicle Charging Stations market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Electric Vehicle Charging Stations market in Asia Pacific held the largest market share in the year 2020. In the Electric Vehicle Charging Stations market, Asia Pacific is expected to have the highest market size. The large share of this region is mainly attributed to the growing demand for electric vehicles in countries such as China and Japan and rising government initiatives to reduce greenhouse gas emissions, which, in turn, is poised to increase the adoption of electric vehicles.

Segmentation

By Charging Level

Level 1

Level 2

DC Fast Charging

By Vehicle type

Passenger Cars

Heavy Commercial Vehicles

Light Commercial Vehicles

Two-wheelers & Scooters

By Connection type

Connectors

Pantograph

Wireless EV charging

By Component

Hardware

Software

Services

By DC fast charging

Fast

Ultra-Fast

By Mounting type

Wall Mount

Pedestal Mount

Ceiling Mount

Electric Vehicle Charging Stations Market Dynamics

Electric Vehicle Charging Stations Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

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#### Consultant Recommendation

\*\*The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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