

Global Electric Vehicle Charging Software Market Size Study, by Charging Site (Public, Private), by Charger Type (Level 1, Level 2, Level 3), by Vehicle Type (E-2Wheeler, E-3Wheeler, E-car Personal, E-car Commercial) and Regional Forecasts 2022-2032

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Abstracts

Global Electric Vehicle Charging Software Market is valued approximately at USD 1.1 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 28.9% over the forecast period 2024-2032. Electric vehicle charging software enables EV charging operators and e-mobility service providers to manage all aspects of EV charging, maximizing charger uptime and providing drivers with an exceptional charging experience. The software also enables the monetization of services for electric vehicle charging providers. Benefits such as more effective charging operations compared to private charging infrastructure, new revenue opportunities, customer personalization, and improved operational efficiency are creating lucrative opportunities for the growth of the global electric vehicle charging software market. The extensive billing and invoicing systems included in EV charging software can manage multiple payment methods, further enhancing the market's growth prospects.

Moreover, growing sales of electric vehicles and rising government initiatives toward a pollution-free environment are factors expected to propel the growth of the global electric vehicle charging software market. However, the risk of cyber-attacks is anticipated to hamper market growth. On the contrary, the rise in the implementation of 5G and IoT in charging stations is expected to create lucrative opportunities for the global market during the forecast period. In addition, the operations section of electric vehicle charging software offers resources required to keep track of the network of chargers, document problems and follow their resolution, and receive notifications from drivers or the infrastructure. Such functionalities are anticipated to provide lucrative

opportunities for market growth during the forecast period.

The key regions considered for the global EV charging software market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia-Pacific dominated the market share in 2023 for the EV charging software market. The presence of technological businesses and the expansion of advanced technologies such as IoT, cloud computing, and others, contribute to the growth of the global market. Whereas, the market in North America is anticipated to grow at the significant rate over the forecast period fueled by surging electric vehicle (EV) adoption necessitates robust software to manage charging infrastructure. Government incentives for EVs and charging stations further fuel the market. Additionally, features like automated billing, data analytics for optimizing operations, and fleet management for businesses are driving demand for sophisticated EV charging software solutions.

Major market players included in this report are:

Tesla

Siemens AG

Eaton Corporation plc

EVConnect

EVBox

Shell Recharge Solution

ChargeLab, Inc.

Driivz Ltd.

ChargePoint, Inc.

Centrica

The detailed segments and sub-segments of the market are explained below:

By Charging Site

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Public

Private

By Charger Type

Level 1

Level 2

Level 3

By Vehicle Type

E-2Wheeler

E-3Wheeler

E-car (Personal)

E-car (Commercial)

By Region: North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Middle East & Africa

Saudi Arabia

South Africa

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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