+357 96 030922
info@marketpublishers.com

EV Charging Analytics & Forecasting Market Forecasts to 2034 – Global Analysis By Charger Type (Slow Charger and Fast Charger), Charging Type, Installation Type, Connector Type, Level of Charging, Connectivity, Operation, Application and By Geography

https://marketpublishers.com/r/E86D7FFFF614EN.html
Date: March 2026
Pages: 200
Price: US$ 4,150.00 (Single User License)
ID: E86D7FFFF614EN

Abstracts

According to Stratistics MRC, the Global EV Charging Analytics & Forecasting Market is accounted for $5.0 billion in 2026 and is expected to reach $15.3 billion by 2034 growing at a CAGR of 15.0% during the forecast period. EV Charging Analytics & Forecasting involves gathering and examining data from EV charging points to streamline operations, minimize disruptions, and improve customer satisfaction. Utilizing predictive modeling, machine learning, and analytical tools, stakeholders can anticipate demand surges, optimize energy allocation, and schedule maintenance effectively. These insights aid in efficient grid utilization, cost reduction, and informed decisions on where to install new chargers. Furthermore, analytics helps businesses and regulators track EV adoption trends, promote infrastructure growth, and enhance environmental sustainability, supporting the transition toward a more robust and data-driven electric mobility landscape.

According to the International Energy Agency, public EV charging points worldwide doubled since 2022, reaching more than 5 million units in 2024. In that year alone, 1.3 million public charging points were added globally, representing a 30% increase compared to 2023.

Market Dynamics:

+357 96 030922
info@marketpublishers.com

Driver:

Increasing electric vehicle adoption

The surge in electric vehicle purchases is fueling demand for EV charging analytics and forecasting solutions. As EV numbers increase, charging networks need to handle higher usage efficiently. Analytics provides insights into charging patterns, predicts peak demand, and supports infrastructure planning. Forecasting tools help operators optimize station placement, prevent congestion, and ensure smooth energy allocation. Government incentives and emission-reduction policies further accelerate EV adoption, making data-driven solutions crucial for managing the expanding EV ecosystem and delivering reliable, accessible, and efficient charging services to a rapidly growing user base.

Restraint:

High initial investment costs

The substantial upfront costs associated with EV charging analytics and forecasting solutions pose a significant market challenge. Installing advanced data monitoring systems, predictive analytics software, and smart chargers requires heavy capital investment. Smaller operators often struggle with these financial requirements, and integrating analytics with existing infrastructure adds to the expense. Such high initial costs can hinder adoption, particularly in developing markets, where budget constraints and limited infrastructure make it difficult to implement large-scale analytics-driven EV charging solutions efficiently, slowing the overall growth of the sector.

Opportunity:

Expansion of smart charging solutions

The rise of smart charging systems provides major opportunities for EV charging analytics and forecasting solutions. These chargers interact with the grid and users to manage energy loads dynamically, reduce costs, and improve efficiency. Analytics platforms can use this data to forecast peak demand, optimize station operations, and enhance performance. With the growth of EV adoption, smart charging networks will increase, enabling providers to develop sophisticated predictive models and algorithms. This presents a strategic avenue to optimize infrastructure performance, improve energy management, and deliver better user experiences while supporting the broader

+357 96 030922
info@marketpublishers.com

adoption of sustainable electric mobility.

Threat:

Competition from traditional energy providers

Competition from established energy companies poses a threat to the EV charging analytics market. Utilities with existing infrastructure and customer networks can deploy analytics-driven solutions more efficiently. Smaller providers may face challenges in pricing, scaling, and technological development. Large companies can offer integrated services, leverage grid access, and dominate market share. This competition could pressure prices, reduce margins, and slow adoption of independent analytics platforms. As a result, the market may see slower growth, with smaller analytics firms struggling to compete against well-resourced traditional energy players in the expanding EV charging ecosystem.

Covid-19 Impact:

COVID?19 affected the EV Charging Analytics & Forecasting market in both negative and positive ways. During the early pandemic phase, mobility restrictions reduced EV usage, decreasing demand for charging stations and analytics solutions. Supply chain challenges delayed smart charger production and deployment. With recovery, government incentives, growing EV adoption, and emphasis on sustainable transport boosted demand for analytics tools. Companies increasingly adopted digital platforms to monitor and manage charging networks, optimize energy distribution, and enhance operational efficiency, supporting the accelerated expansion of EV infrastructure and enabling a data-driven approach to sustainable electric mobility in the post-pandemic period.

The fast charger segment is expected to be the largest during the forecast period

The fast charger segment is expected to account for the largest market share during the forecast period due to its ability to deliver quicker charging and convenience for users, particularly in busy urban locations. Analytics tools play a crucial role in managing fast charger networks, forecasting demand, and maintaining grid efficiency. Operators leverage data to optimize station usage, plan maintenance, and allocate energy effectively. With fast chargers increasingly preferred for meeting growing EV infrastructure needs, this segment maintains a leading position in analytics and forecasting applications, highlighting its strategic importance in supporting efficient,

+357 96 030922
info@marketpublishers.com

reliable, and rapid EV charging solutions globally.

The fleet charging segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the fleet charging segment is predicted to witness the highest growth rate. Rising electrification of buses, delivery vehicles, taxis, and corporate fleets increases the demand for smart, analytics-driven charging solutions. These tools allow operators to optimize energy allocation, schedule charging efficiently, reduce downtime, and maintain fleet performance. Predictive forecasting ensures maintenance is timely and prevents system overloads. As commercial fleets adopt EVs to cut costs and support sustainability goals, the requirement for specialized analytics solutions for fleet charging is rapidly expanding, making this segment the fastest-growing in the market.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share due to high EV adoption rates developed charging infrastructure, and supportive government policies. Advanced smart grid systems, urban density, and investment in digital energy solutions enable widespread use of analytics tools to optimize charger operations, forecast demand, and enhance efficiency. Both public programs and private sector initiatives encourage electric mobility, while the presence of key analytics providers strengthens the region’s position. These factors collectively make North America the dominant player in leveraging data-driven solutions for effective, reliable, and scalable EV charging network management.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, driven by accelerating urbanization, rising EV adoption, and proactive government support for electric mobility. Significant investments in smart chargers and digital energy platforms are fueling demand for analytics solutions. Predictive tools help manage peak loads, optimize charging schedules, and improve grid performance. Expanding commercial fleets, fleet electrification, and growing environmental awareness reinforce this trend. These factors collectively make Asia Pacific the region with the highest growth rate, highlighting its critical role in advancing data-driven EV charging management and infrastructure development.

Key players in the market

+357 96 030922
info@marketpublishers.com

Some of the key players in EV Charging Analytics & Forecasting Market include Eco-Movement, Stable Auto, Intellect2.ai, ev.energy, Driivz, Pulse Energy, Ogre.ai, Ampcontrol, AMPECO, YoCharge, Evoltsoft, Paren, Siemens AG, ABB Ltd., Schneider Electric, ChargePoint, Inc., Greenlots (Shell Group) and EVBox.

Key Developments:

In December 2025, ABB and HDF Energy have signed a joint development agreement (JDA) to co-develop a high-power, megawatt-class hydrogen fuel cell system designed for use in marine vessels. The project targets use of the system on various vessel types, including large seagoing ships such as container feeder vessels and liquefied hydrogen carriers.

In November 2025, Siemens Energy has signed a contract to design and deliver the power conversion system for Oklo's Aurora powerhouse reactors. The contract will see Siemens Energy conduct detailed engineering and layout activities for a condensing SST-600 steam turbine, an SGen-100A industrial generator, and associated auxiliaries to support Oklo’s first advanced reactor, the Aurora powerhouse at Idaho National Laboratory.

In November 2025, Schneider Electric announced a two-phase supply capacity agreement (SCA) totaling $1.9 billion in sales. The milestone deal includes prefabricated power modules and the first North American deployment of chillers. The announcement was unveiled at Schneider Electric'sInnovation Summit North America in Las Vegas, convening more than 2,500 business leaders and market innovators to accelerate practical solutions for a more resilient, affordable and intelligent energy future.

Charger Types Covered:

- Slow Charger
- Fast Charger

Charging Types Covered:

- AC Charging

+357 96 030922
info@marketpublishers.com

DC Charging

Installation Types Covered:

Fixed

Portable

Connector Types Covered:

CHAdeMO

CCS (Combined Charging System)

Type 1

Type 2

Other Connector Types

Level of Chargings Covered:

Level 1

Level 2

Level 3 (DC Fast Charging)

Connectivities Covered:

Connected Charging Stations

Non-connected Charging Stations

+357 96 030922
info@marketpublishers.com

Operations Covered:

- Public Charging
- Private Charging

Applications Covered:

- Residential
- Commercial
- Fleet Charging

Regions Covered:

- North America
  - United States
  - Canada
  - Mexico
- Europe
  - United Kingdom
  - Germany
  - France
  - Italy
  - Spain
  - Netherlands

+357 96 030922
info@marketpublishers.com

- Belgium
- Sweden
- Switzerland
- Poland
- Rest of Europe

Asia Pacific

- China
- Japan
- India
- South Korea
- Australia
- Indonesia
- Thailand
- Malaysia
- Singapore
- Vietnam
- Rest of Asia Pacific

South America

- Brazil

+357 96 030922
info@marketpublishers.com

- Argentina
- Colombia
- Chile
- Peru
- Rest of South America

Rest of the World (RoW)

- Middle East
  - Saudi Arabia
  - United Arab Emirates
  - Qatar
  - Israel
  - Rest of Middle East
- Africa
  - South Africa
  - Egypt
  - Morocco
  - Rest of Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032

+357 96 030922
info@marketpublishers.com

and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

16 COMPANY PROFILES

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

Note: Tables for North America, Europe, APAC, South America, and Rest of the World (RoW) Regions are also represented in the same manner as above.

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: EV Charging Analytics & Forecasting Market Forecasts to 2034 – Global Analysis By Charger Type (Slow Charger and Fast Charger), Charging Type, Installation Type, Connector Type, Level of Charging, Connectivity, Operation, Application and By Geography

Product link: https://marketpublishers.com/r/E86D7FFFF614EN.html

Price: US$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/E86D7FFFF614EN.html