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Global IoT for EV Charging Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global IoT for EV Charging market size is expected to reach $ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The EV charging market is building a whole new infrastructure, which will be tightly integrated with electricity distribution networks. Building such an infrastructure does not happen overnight. With a compound annual growth in the range of 30% that infrastructure will become a significant player in its own rights before long. Looking towards 2024, we will see > 5Mio charging points in Europe and > 2 Mio in North America.

Use of installed charging points is accelerating, in some cases doubling every year. The faster this acceleration, the more the new infrastructure will depend on highly available and secure IoT connectivity. It is a truly mission-critical infrastructure, and for this reason, Charging Point Operators are requesting the best possible connectivity at each location.

Electric vehicle charging is an integral part of the total ecosystem. Charging Point Operators, Mobility Service Providers (Charging Service Providers), Electricity Distribution System Operators and Energy Service Providers stand to benefit from data generated by charging infrastructures. As are service providers of shared e-car or micromobility services, automotive OEMs, car parking operators, logistic hubs of all kinds, battery vendors moving towards a “Battery as a Service” business model, and others.

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With the popularity of new energy vehicles, the construction of charging infrastructure has received more and more attention. As an important part of the charging infrastructure of new energy vehicles, smart charging piles have become the main way of charging new energy vehicles. However, the safety of charging piles has also attracted much attention. In order to better ensure the safety and reliability of charging piles, many charging pile manufacturers have begun to develop intelligent charging pile monitoring solutions to improve the safety and reliability of charging piles.

The intelligent charging pile monitoring solution mainly includes charging pile monitoring software and charging pile hardware equipment. The charging pile monitoring software can perform real-time monitoring and data analysis on the charging pile, including information such as the power of the charging pile, charging speed, and charging capacity. Charging pile hardware equipment includes charging pile controller, charging gun, charging interface, etc. These devices can be connected to charging pile monitoring software through the network to realize real-time monitoring and data analysis.

This report studies the global IoT for EV Charging demand, key companies, and key regions.

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This report is a detailed and comprehensive analysis of the world market for IoT for EV Charging, and provides market size (US$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of IoT for EV Charging that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global IoT for EV Charging total market, 2018-2029, (USD Million)

Global IoT for EV Charging total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: IoT for EV Charging total market, key domestic companies and share, (USD Million)

Global IoT for EV Charging revenue by player and market share 2018-2023, (USD Million)

Global IoT for EV Charging total market by Type, CAGR, 2018-2029, (USD Million)

Global IoT for EV Charging total market by Application, CAGR, 2018-2029, (USD Million).

This reports profiles major players in the global IoT for EV Charging market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ChargePoint, EVBox, ABB, Siemens, Schneider Electric, Webasto, Delta Electronics, Shell Recharge and BeiLai Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World IoT for EV Charging market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$

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Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global IoT for EV Charging Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global IoT for EV Charging Market, Segmentation by Type

Charging Settlement

Data Analysis

Remote Control

Others

Global IoT for EV Charging Market, Segmentation by Application

Residential Charging

Commercial Charging

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Public Charging

Companies Profiled:

ChargePoint

EVBox

ABB

Siemens

Schneider Electric

Webasto

Delta Electronics

Shell Recharge

BeiLai Technology

Tele2 IoT

Emnify

Zaptec

Hypercharge

GreenFlux

Pod Point

Clenergy EV

SparkCharge

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Key Questions Answered

1. How big is the global IoT for EV Charging market?

2. What is the demand of the global IoT for EV Charging market?

3. What is the year over year growth of the global IoT for EV Charging market?

4. What is the total value of the global IoT for EV Charging market?

5. Who are the major players in the global IoT for EV Charging market?

6. What are the growth factors driving the market demand?

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