

# Global AC V2G Charging Piles Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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## **Abstracts**

According to our (Global Info Research) latest study, the global AC V2G Charging Piles market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

AC V2G (Vehicle-to-Grid) charging piles are charging stations for electric vehicles (EVs) that use Alternating Current (AC) for both charging and discharging. In a V2G scenario, the AC V2G charging pile can receive energy from the grid and store it in the battery of the connected electric vehicle, and then discharge the energy back to the grid when needed. This allows EVs to provide grid services, such as demand response and frequency regulation, by acting as mobile energy storage units. AC V2G charging piles typically use Level 2 charging technology, which provides a slower and more controlled charging process compared to DC fast charging. This makes AC V2G charging piles well suited for use in residential and low-power commercial settings, where fast charging is not a priority. AC V2G charging piles play an important role in facilitating the integration of renewable energy sources into the grid and improving the overall energy efficiency of the power system.

This report is a detailed and comprehensive analysis for global AC V2G Charging Piles market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.



## Key Features:

Global AC V2G Charging Piles market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global AC V2G Charging Piles market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global AC V2G Charging Piles market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global AC V2G Charging Piles market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for AC V2G Charging Piles

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global AC V2G Charging Piles market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, Siemens, Enel X, Chargemaster and Schneider Electric, etc.

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

Market Segmentation

AC V2G Charging Piles market is split by Type and by Application. For the period



2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

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Market segment by Type
Small Power: 3.3kW or 6.6kW
High Power: above 11kW
Market segment by Application
Commercial
Household
Major players covered
ABB
Siemens
Enel X
Chargemaster
Schneider Electric
New Motion
ClipperCreek

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)



Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe AC V2G Charging Piles product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of AC V2G Charging Piles, with price, sales, revenue and global market share of AC V2G Charging Piles from 2018 to 2023.

Chapter 3, the AC V2G Charging Piles competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the AC V2G Charging Piles breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and AC V2G Charging Piles market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of AC V2G Charging Piles.



Chapter 14 and 15, to describe AC V2G Charging Piles sales channel, distributors, customers, research findings and conclusion.



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