

# Global Vehicle to Grid Charging Piles Supply, Demand and Key Producers, 2023-2029

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## Abstracts

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

V2G stands for 'Vehicle-to-Grid', which refers to a type of charging station for electric vehicles that allows for bi-directional energy flow. This means that not only can the vehicle be charged at the charging pile, but the vehicle can also provide electricity back to the grid. This allows for greater flexibility in energy management and can help balance out fluctuations in demand. V2G charging piles are becoming more common as the popularity of electric vehicles continues to grow, and they offer a promising solution for the integration of renewable energy sources into the power grid. At present, it is mainly divided into three types: DC, AC and DC-AC hybrid. In China, DC is mainly used.

This report studies the global Vehicle to Grid Charging Piles production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Vehicle to Grid Charging Piles, 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 Vehicle to Grid Charging Piles that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Vehicle to Grid Charging Piles total production and demand, 2018-2029, (K Units)

Global Vehicle to Grid Charging Piles total production value, 2018-2029, (USD Million)

Global Vehicle to Grid Charging Piles production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Vehicle to Grid Charging Piles consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Vehicle to Grid Charging Piles domestic production, consumption, key domestic manufacturers and share

Global Vehicle to Grid Charging Piles production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Vehicle to Grid Charging Piles production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Vehicle to Grid Charging Piles production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Vehicle to Grid 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, Nissan, BMW, Enel X, EVgo, Fastned, E.ON and Chargemaster, 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 Vehicle to Grid Charging Piles market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, 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 Vehicle to Grid Charging Piles Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Vehicle to Grid Charging Piles Market, Segmentation by Type

AC V2G Charging Piles

DC V2G Charging Piles

Hybrid V2G Charging Piles

#### Global Vehicle to Grid Charging Piles Market, Segmentation by Application

Commercial

Household

#### Companies Profiled:

ABB

Siemens

Nissan

BMW

Enel X

EVgo

Fastned

E.ON

Chargemaster

Tesla (Supercharger V3)

NIO

State Grid Energy Research Institute

SAIC-GM-Wuling Automobile

INFY POWER

LYNKVERTX

Texas Instruments

Jianwang Technology

Beijing Lianyu Technology

Pod Point

UUGreenPower

## Hangzhou Zhonhen Electric

### Key Questions Answered

1. How big is the global Vehicle to Grid Charging Piles market?
2. What is the demand of the global Vehicle to Grid Charging Piles market?
3. What is the year over year growth of the global Vehicle to Grid Charging Piles market?
4. What is the production and production value of the global Vehicle to Grid Charging Piles market?
5. Who are the key producers in the global Vehicle to Grid Charging Piles market?
6. What are the growth factors driving the market demand?

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