

Global Smart Energy Gateway Supply, Demand and Key Producers, 2023-2029

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Abstracts

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

The smart energy gateway is a new type of smart meter that integrates functions such as electric energy measurement, two-way communication, and energy management. It is the basis for interaction and communication between the power grid and power customers, and plays a vital role in the smart grid. The smart energy gateway is also an extension of the smart grid on the user side and can obtain more detailed energy consumption data, including various electrical load data in smart homes, as well as water, gas, heat and other energy consumption data. Through the research and development and application of smart energy gateways, it can not only solve the problems of difficulty in locating low-voltage line faults, power outages, and passive repairs, but also meet the needs of real-time trading in the power spot market, such as minute power freezing, and at the same time, through the true sense of multi-meter collection, load Functions such as decomposition and identification support our requirements for comprehensive transformation to comprehensive energy. From the perspective of application implementation, the smart energy gateway is still in its initial stage, but the functional requirements of the smart energy gateway are consistent with the State Grid's next-generation smart energy meter, which is in line with the research direction of the State Grid. Previously, Wang Jiye, director of the State Grid Energy Internet Technology Research Institute, said that in the future, the smart meter will be a gateway and sensor. All electrical equipment, including electric vehicles, will form system control and data collection in the meter to provide various services.

The smart energy gateway is an embedded smart energy dedicated gateway dedicated to data collection in energy consumption monitoring systems. Meets the needs for

energy consumption measurement and sub-item data collection in various forms of water, electricity, gas, oil, cooling, heat and other energy management systems in national offices, large public buildings, industrial enterprises, etc., with simple and easy-to-use data Configuration software tools can quickly configure various parameter information such as required collection data and upload data center. The advanced remote maintenance and management function can realize the maintenance of the data collector gateway efficiently and conveniently.

This report studies the global Smart Energy Gateway production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Smart Energy Gateway, 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 Smart Energy Gateway that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Smart Energy Gateway total production and demand, 2018-2029, (K Units)

Global Smart Energy Gateway total production value, 2018-2029, (USD Million)

Global Smart Energy Gateway production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Smart Energy Gateway consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Smart Energy Gateway domestic production, consumption, key domestic manufacturers and share

Global Smart Energy Gateway production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Smart Energy Gateway production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Smart Energy Gateway production by Application production, value, CAGR,

2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Smart Energy Gateway 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 Shanghai Holley Software Systems Co., Ltd., Wasion, NXP Semiconductors, Advantech, Shenzhen Huilian SoftStone Technology Co., Ltd., Inspur, Guodian Nari Technology Co., Ltd., Tianjin Qiushi Zhiyuan Technology Co., Ltd. and General Electric, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Smart Energy Gateway 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 Smart Energy Gateway Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Smart Energy Gateway Market, Segmentation by Type

Cooling Capacity Measurement

Calorie Measurement

Global Smart Energy Gateway Market, Segmentation by Application

Rail

Factory

Hospital

Others

Companies Profiled:

Shanghai Holley Software Systems Co., Ltd.

Wasion

NXP Semiconductors

Advantech

Shenzhen Huilian SoftStone Technology Co., Ltd.

Inspur

Guodian Nari Technology Co., Ltd.

Tianjin Qiushi Zhiyuan Technology Co., Ltd.

General Electric

Rainforest Automation

Tuev Nord Group

ABB Group

Schneider-Electric

Alstom

Eaton

Key Questions Answered

1. How big is the global Smart Energy Gateway market?
2. What is the demand of the global Smart Energy Gateway market?
3. What is the year over year growth of the global Smart Energy Gateway market?
4. What is the production and production value of the global Smart Energy Gateway market?
5. Who are the key producers in the global Smart Energy Gateway market?

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