

Global Single-Phase Smart IoT Energy Meter Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G6B2063AB666EN.html

Date: September 2023 Pages: 115 Price: US\$ 3,480.00 (Single User License) ID: G6B2063AB666EN

Abstracts

According to our (Global Info Research) latest study, the global Single-Phase Smart IoT Energy Meter 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 single-phase smart IoT energy meter is composed of a metering module, a management module, and an expansion module. It has functions such as energy measurement, data processing, real-time monitoring, automatic control, environment perception, information interaction, and energy routing. It can also adapt to the power market. Smart energy meters to meet the needs of globalization reform.

On March 20, 2021, at the China Development High-level Forum, Lin Yifu, a famous economist and honorary dean of the National School of Development at Peking University, made an expectation for China's economic development: If China can Achieving an annual economic growth of 5% to 6%, China's GDP will sprint towards the 200 trillion yuan mark, and China's economy will become the largest in the world by 2030. In 2020, my country's GDP was approximately 101.6 trillion, and based on an average annual growth rate of 6%, it will reach approximately 181.95 trillion in 2030. As GPD grows, my country's electricity consumption is bound to grow. According to data released by the National Energy Administration, my country's electricity consumption as a whole continues to grow, from 4,692.8 billion kilowatt hours in 2011 to 6,307.7 billion kilowatt hours in 2017. The average compound growth rate is 5.05%. my country's social electricity consumption will grow steadily in the next fifteen years, and it is expected that the entire society's electricity consumption will reach 8 to 8.81 trillion kilowatt hours in 2020. It can be calculated that the average annual compound growth rate of electricity consumption from 2011 to 2020 is = $(8.4/4.7)^{(1/10)-1=5.98\%}$. The



growth rate is basically the same as the future GDP growth rate, while the growth rate of electricity consumption in the whole society Investment in electrical equipment has a strong driving effect, which in turn also drives the market demand for intelligent power distribution terminal equipment.

The Global Info Research report includes an overview of the development of the Single-Phase Smart IoT Energy Meter industry chain, the market status of Smart Light Pole (Based on the State Grid, Based on China Southern Power Grid), Smart Agriculture (Based on the State Grid, Based on China Southern Power Grid), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Single-Phase Smart IoT Energy Meter.

Regionally, the report analyzes the Single-Phase Smart IoT Energy Meter markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Single-Phase Smart IoT Energy Meter market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Single-Phase Smart IoT Energy Meter market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Single-Phase Smart IoT Energy Meter industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Based on the State Grid, Based on China Southern Power Grid).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Single-Phase Smart IoT Energy Meter market.

Regional Analysis: The report involves examining the Single-Phase Smart IoT Energy Meter market at a regional or national level. Report analyses regional factors such as



government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Single-Phase Smart IoT Energy Meter market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Single-Phase Smart IoT Energy Meter:

Company Analysis: Report covers individual Single-Phase Smart IoT Energy Meter manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Single-Phase Smart IoT Energy Meter This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Smart Light Pole, Smart Agriculture).

Technology Analysis: Report covers specific technologies relevant to Single-Phase Smart IoT Energy Meter. It assesses the current state, advancements, and potential future developments in Single-Phase Smart IoT Energy Meter areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Single-Phase Smart IoT Energy Meter market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Single-Phase Smart IoT Energy Meter 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.



Market segment by Type

Based on the State Grid

Based on China Southern Power Grid

Market segment by Application

Smart Light Pole

Smart Agriculture

Intelligent Building

Others

Major players covered

Wasion

Irdopto

Clou

Jiangsu Wanwan Communication Technology Co., Ltd.

Landis+Gyr

Itron

General Electric

Jiangsu Linyang Energy Co., Ltd.

Hangzhou Haixing Electric Power Technology Co., Ltd.



Hangzhou Juhua Technology Co., Ltd.

CONLOG

Ningbo Sanxing Medical Electric Co., Ltd.

Shenzhen Superfly Technology Co., Ltd.

Wellsun

Ningbo Jianan Intelligent Electric Co., Ltd.

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 Single-Phase Smart IoT Energy Meter product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Single-Phase Smart IoT Energy Meter, with price, sales, revenue and global market share of Single-Phase Smart IoT Energy Meter from 2018 to 2023.

Chapter 3, the Single-Phase Smart IoT Energy Meter competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Global Single-Phase Smart IoT Energy Meter Market 2023 by Manufacturers, Regions, Type and Application, Foreca.



Chapter 4, the Single-Phase Smart IoT Energy Meter 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 Single-Phase Smart IoT Energy Meter market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Single-Phase Smart IoT Energy Meter.

Chapter 14 and 15, to describe Single-Phase Smart IoT Energy Meter sales channel, distributors, customers, research findings and conclusion.



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