

Global Surge Protection Devices (SPDs) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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Abstracts

According to our (Global Info Research) latest study, the global Surge Protection Devices (SPDs) market size was valued at USD 2378.8 million in 2023 and is forecast to a readjusted size of USD 2635.4 million by 2030 with a CAGR of 1.5% during review period.

A surge protective device (SPD) is a protective device for limiting transient voltages by diverting or limiting surge current and is capable of repeating these functions as specified. Surge Protective Devices are designed to protect against transient surge conditions. Large single surge events, such as lightning, can reach hundreds of thousands of volts and can cause immediate or intermittent equipment failure. However, lightning and utility power anomalies only account for 20% of transient surges. The remaining 80% of surge activity is produced internally. Although these surges may be smaller in magnitude, they occur more frequently and with continuous exposure can degrade sensitive electronic equipment within the facility.

Global key players of surge protection devices (SPDs) include Phoenix, ABB, DEHN SE, Siemens, ZG and Citel. The top six players hold a share about 9%. In terms of product, power type SPD is the largest segment, with a share about 70%. And in terms of application, the largest application is communication, with a share about 28%.

The Global Info Research report includes an overview of the development of the Surge Protection Devices (SPDs) industry chain, the market status of Communication (Power Type SPD, Signal Type SPD), Construction (Power Type SPD, Signal Type SPD), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Surge Protection Devices

(SPDs).

Regionally, the report analyzes the Surge Protection Devices (SPDs) 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 Surge Protection Devices (SPDs) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Surge Protection Devices (SPDs) 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 Surge Protection Devices (SPDs) 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., Power Type SPD, Signal Type SPD).

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 Surge Protection Devices (SPDs) market.

Regional Analysis: The report involves examining the Surge Protection Devices (SPDs) 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 Surge Protection Devices (SPDs) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Surge Protection Devices (SPDs):

Company Analysis: Report covers individual Surge Protection Devices (SPDs) 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 Surge Protection Devices (SPDs) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Communication, Construction).

Technology Analysis: Report covers specific technologies relevant to Surge Protection Devices (SPDs). It assesses the current state, advancements, and potential future developments in Surge Protection Devices (SPDs) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Surge Protection Devices (SPDs) 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

Surge Protection Devices (SPDs) market is split by Type and by Application. For the period 2019-2030, 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

Power Type SPD

Signal Type SPD

Others

Market segment by Application

Communication

Construction

Electric Power

Transportation

Oil and Gas

PV

Wind Power

Others

Major players covered

Phoenix

ABB

Emerson

DEHN SE

Eaton

Siemens

ZG

Citel

Obo Bettermann

Schneider

Weidmüller

Littelfuse

Mersen Electrical

NVent

Philips

LEIAN

HPXIN

MVC-Maxivolt

ASP

Legrand

JMV

Chengdu Pedaro Technology

Xiamen SET

C-Power

MCG Surge Protection

Leviton

KEANDA

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 Surge Protection Devices (SPDs) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Surge Protection Devices (SPDs), with price, sales, revenue and global market share of Surge Protection Devices (SPDs) from 2019 to 2024.

Chapter 3, the Surge Protection Devices (SPDs) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Surge Protection Devices (SPDs) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and Surge Protection Devices (SPDs) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Surge

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Chapter 14 and 15, to describe Surge Protection Devices (SPDs) sales channel, distributors, customers, research findings and conclusion.

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