

# Global Variable Frequency Driver (VFD) 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 Variable Frequency Driver (VFD) market size was valued at USD 15400 million in 2023 and is forecast to a readjusted size of USD 18660 million by 2030 with a CAGR of 2.8% during review period.

Variable frequency Drive (VFD) is an electric power control device which controls AC motor by changing the working power frequency of the motor by using frequency conversion technology and microelectronic technology. The frequency converter is mainly composed of rectifier (AC to DC), filter, inverter (DC to AC), brake unit, drive unit, detection unit, micro-processing unit, etc.

The major players in global Variable frequency Drive (VFD) market include ABB, SIEMENS, Schneider, etc. The top 3 players occupy over 35% shares of the global market. Middle and Low Voltage Frequency Converter is the main type, with a share about 70%. Electric Power is the main application, which holds a share about 30%.

The Global Info Research report includes an overview of the development of the Variable Frequency Driver (VFD) industry chain, the market status of Industrial (Maximum Power (250KW), Maximum Power (1MW)), Infrastructure (Maximum Power (250KW), Maximum Power (1MW)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Variable Frequency Driver (VFD).

Regionally, the report analyzes the Variable Frequency Driver (VFD) 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 Variable Frequency Driver (VFD) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

### Key Features:

The report presents comprehensive understanding of the Variable Frequency Driver (VFD) 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 Variable Frequency Driver (VFD) 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., Maximum Power (250KW), Maximum Power (1MW)).

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 Variable Frequency Driver (VFD) market.

Regional Analysis: The report involves examining the Variable Frequency Driver (VFD) 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 Variable Frequency Driver (VFD) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Variable Frequency Driver (VFD):

Company Analysis: Report covers individual Variable Frequency Driver (VFD) 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 Variable Frequency Driver (VFD) This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Industrial, Infrastructure).

Technology Analysis: Report covers specific technologies relevant to Variable Frequency Driver (VFD). It assesses the current state, advancements, and potential future developments in Variable Frequency Driver (VFD) areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Variable Frequency Driver (VFD) 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

Variable Frequency Driver (VFD) 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

Maximum Power (250KW)

Maximum Power (1MW)

Maximum Power (3MW)

Market segment by Application

Industrial

Infrastructure



Oil & Gas		
Power Generation		
Major players covered		
ABB		
GE		
Rockwell Automation		
Schneider Electric		
Siemens		
American Electric Technologies		
Amtech Electronics		
Crompton Greaves		
Danfoss		
Eaton		
Emerson		
Fuji Electric		
Hiconics Drive Technology		
Hitachi		
Honeywell International		
Johnson Controls		



IZh.	lectronics
NI)	IECH OFFICS

Mitsubishi Electric

Toshiba International

Vacon

Yaskawa Electric

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 Variable Frequency Driver (VFD) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Variable Frequency Driver (VFD), with price, sales, revenue and global market share of Variable Frequency Driver (VFD) from 2019 to 2024.

Chapter 3, the Variable Frequency Driver (VFD) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Variable Frequency Driver (VFD) 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 Variable Frequency Driver (VFD) 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 Variable Frequency Driver (VFD).

Chapter 14 and 15, to describe Variable Frequency Driver (VFD) sales channel, distributors, customers, research findings and conclusion.



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