

Global VFD (Variable Frequency Drives) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G16CAEBE2730EN.html>

Date: June 2024

Pages: 133

Price: US\$ 3,480.00 (Single User License)

ID: G16CAEBE2730EN

Abstracts

According to our (Global Info Research) latest study, the global VFD (Variable Frequency Drives) 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 VFD (Variable Frequency Drives) industry chain, the market status of Pumps (Low Voltage (0-690V), Medium Voltage (690V-3000V)), Fans (Low Voltage (0-690V), Medium Voltage (690V-3000V)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of VFD (Variable Frequency Drives).

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

Key Features:

The report presents comprehensive understanding of the VFD (Variable Frequency Drives) 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 VFD (Variable Frequency Drives) 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., Low Voltage (0-690V), Medium Voltage (690V-3000V)).

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 VFD (Variable Frequency Drives) market.

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

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

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

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

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

VFD (Variable Frequency Drives) 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

Low Voltage (0-690V)

Medium Voltage (690V-3000V)

High Voltage (3 kV-10 kV)

Market segment by Application

Pumps

Fans

Compressors

Conveyors

Elevators

Extruders

Others

Major players covered

ABB

Siemens

Schneider Electric

Emerson Electric

Yaskawa Electric

Mitsubishi

Hitach

Danfoss

Toshiba

Fuji Electric

Rockwell Automation

Inovance

Hiconics

INVT

Slanvert

EURA Drives

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

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

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

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

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

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of VFD (Variable Frequency Drives)

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global VFD (Variable Frequency Drives) Consumption Value by Type: 2019 Versus 2023 Versus 2030

1.3.2 Low Voltage (0-690V)

1.3.3 Medium Voltage (690V-3000V)

1.3.4 High Voltage (3 kV-10 kV)

1.4 Market Analysis by Application

1.4.1 Overview: Global VFD (Variable Frequency Drives) Consumption Value by Application: 2019 Versus 2023 Versus 2030

1.4.2 Pumps

1.4.3 Fans

1.4.4 Compressors

1.4.5 Conveyors

1.4.6 Elevators

1.4.7 Extruders

1.4.8 Others

1.5 Global VFD (Variable Frequency Drives) Market Size & Forecast

1.5.1 Global VFD (Variable Frequency Drives) Consumption Value (2019 & 2023 & 2030)

1.5.2 Global VFD (Variable Frequency Drives) Sales Quantity (2019-2030)

1.5.3 Global VFD (Variable Frequency Drives) Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 ABB

2.1.1 ABB Details

2.1.2 ABB Major Business

2.1.3 ABB VFD (Variable Frequency Drives) Product and Services

2.1.4 ABB VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 ABB Recent Developments/Updates

2.2 Siemens

2.2.1 Siemens Details

- 2.2.2 Siemens Major Business
- 2.2.3 Siemens VFD (Variable Frequency Drives) Product and Services
- 2.2.4 Siemens VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.2.5 Siemens Recent Developments/Updates
- 2.3 Schneider Electric
 - 2.3.1 Schneider Electric Details
 - 2.3.2 Schneider Electric Major Business
 - 2.3.3 Schneider Electric VFD (Variable Frequency Drives) Product and Services
 - 2.3.4 Schneider Electric VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.3.5 Schneider Electric Recent Developments/Updates
- 2.4 Emerson Electric
 - 2.4.1 Emerson Electric Details
 - 2.4.2 Emerson Electric Major Business
 - 2.4.3 Emerson Electric VFD (Variable Frequency Drives) Product and Services
 - 2.4.4 Emerson Electric VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.4.5 Emerson Electric Recent Developments/Updates
- 2.5 Yaskawa Electric
 - 2.5.1 Yaskawa Electric Details
 - 2.5.2 Yaskawa Electric Major Business
 - 2.5.3 Yaskawa Electric VFD (Variable Frequency Drives) Product and Services
 - 2.5.4 Yaskawa Electric VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.5.5 Yaskawa Electric Recent Developments/Updates
- 2.6 Mitsubishi
 - 2.6.1 Mitsubishi Details
 - 2.6.2 Mitsubishi Major Business
 - 2.6.3 Mitsubishi VFD (Variable Frequency Drives) Product and Services
 - 2.6.4 Mitsubishi VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.6.5 Mitsubishi Recent Developments/Updates
- 2.7 Hitach
 - 2.7.1 Hitach Details
 - 2.7.2 Hitach Major Business
 - 2.7.3 Hitach VFD (Variable Frequency Drives) Product and Services
 - 2.7.4 Hitach VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Hitach Recent Developments/Updates

2.8 Danfoss

2.8.1 Danfoss Details

2.8.2 Danfoss Major Business

2.8.3 Danfoss VFD (Variable Frequency Drives) Product and Services

2.8.4 Danfoss VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Danfoss Recent Developments/Updates

2.9 Toshiba

2.9.1 Toshiba Details

2.9.2 Toshiba Major Business

2.9.3 Toshiba VFD (Variable Frequency Drives) Product and Services

2.9.4 Toshiba VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Toshiba Recent Developments/Updates

2.10 Fuji Electric

2.10.1 Fuji Electric Details

2.10.2 Fuji Electric Major Business

2.10.3 Fuji Electric VFD (Variable Frequency Drives) Product and Services

2.10.4 Fuji Electric VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 Fuji Electric Recent Developments/Updates

2.11 Rockwell Automation

2.11.1 Rockwell Automation Details

2.11.2 Rockwell Automation Major Business

2.11.3 Rockwell Automation VFD (Variable Frequency Drives) Product and Services

2.11.4 Rockwell Automation VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Rockwell Automation Recent Developments/Updates

2.12 Inovance

2.12.1 Inovance Details

2.12.2 Inovance Major Business

2.12.3 Inovance VFD (Variable Frequency Drives) Product and Services

2.12.4 Inovance VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Inovance Recent Developments/Updates

2.13 Hiconics

2.13.1 Hiconics Details

2.13.2 Hiconics Major Business

- 2.13.3 Hiconics VFD (Variable Frequency Drives) Product and Services
- 2.13.4 Hiconics VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 Hiconics Recent Developments/Updates
- 2.14 INVT
 - 2.14.1 INVT Details
 - 2.14.2 INVT Major Business
 - 2.14.3 INVT VFD (Variable Frequency Drives) Product and Services
 - 2.14.4 INVT VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.14.5 INVT Recent Developments/Updates
- 2.15 Slanvert
 - 2.15.1 Slanvert Details
 - 2.15.2 Slanvert Major Business
 - 2.15.3 Slanvert VFD (Variable Frequency Drives) Product and Services
 - 2.15.4 Slanvert VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.15.5 Slanvert Recent Developments/Updates
- 2.16 EURA Drives
 - 2.16.1 EURA Drives Details
 - 2.16.2 EURA Drives Major Business
 - 2.16.3 EURA Drives VFD (Variable Frequency Drives) Product and Services
 - 2.16.4 EURA Drives VFD (Variable Frequency Drives) Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.16.5 EURA Drives Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: VFD (VARIABLE FREQUENCY DRIVES) BY MANUFACTURER

- 3.1 Global VFD (Variable Frequency Drives) Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global VFD (Variable Frequency Drives) Revenue by Manufacturer (2019-2024)
- 3.3 Global VFD (Variable Frequency Drives) Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of VFD (Variable Frequency Drives) by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 VFD (Variable Frequency Drives) Manufacturer Market Share in 2023
 - 3.4.2 Top 6 VFD (Variable Frequency Drives) Manufacturer Market Share in 2023

3.5 VFD (Variable Frequency Drives) Market: Overall Company Footprint Analysis

3.5.1 VFD (Variable Frequency Drives) Market: Region Footprint

3.5.2 VFD (Variable Frequency Drives) Market: Company Product Type Footprint

3.5.3 VFD (Variable Frequency Drives) Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global VFD (Variable Frequency Drives) Market Size by Region

4.1.1 Global VFD (Variable Frequency Drives) Sales Quantity by Region (2019-2030)

4.1.2 Global VFD (Variable Frequency Drives) Consumption Value by Region (2019-2030)

4.1.3 Global VFD (Variable Frequency Drives) Average Price by Region (2019-2030)

4.2 North America VFD (Variable Frequency Drives) Consumption Value (2019-2030)

4.3 Europe VFD (Variable Frequency Drives) Consumption Value (2019-2030)

4.4 Asia-Pacific VFD (Variable Frequency Drives) Consumption Value (2019-2030)

4.5 South America VFD (Variable Frequency Drives) Consumption Value (2019-2030)

4.6 Middle East and Africa VFD (Variable Frequency Drives) Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

5.1 Global VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2030)

5.2 Global VFD (Variable Frequency Drives) Consumption Value by Type (2019-2030)

5.3 Global VFD (Variable Frequency Drives) Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

6.1 Global VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2030)

6.2 Global VFD (Variable Frequency Drives) Consumption Value by Application (2019-2030)

6.3 Global VFD (Variable Frequency Drives) Average Price by Application (2019-2030)

7 NORTH AMERICA

7.1 North America VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2030)

7.2 North America VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2030)

7.3 North America VFD (Variable Frequency Drives) Market Size by Country

7.3.1 North America VFD (Variable Frequency Drives) Sales Quantity by Country (2019-2030)

7.3.2 North America VFD (Variable Frequency Drives) Consumption Value by Country (2019-2030)

7.3.3 United States Market Size and Forecast (2019-2030)

7.3.4 Canada Market Size and Forecast (2019-2030)

7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

8.1 Europe VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2030)

8.2 Europe VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2030)

8.3 Europe VFD (Variable Frequency Drives) Market Size by Country

8.3.1 Europe VFD (Variable Frequency Drives) Sales Quantity by Country (2019-2030)

8.3.2 Europe VFD (Variable Frequency Drives) Consumption Value by Country (2019-2030)

8.3.3 Germany Market Size and Forecast (2019-2030)

8.3.4 France Market Size and Forecast (2019-2030)

8.3.5 United Kingdom Market Size and Forecast (2019-2030)

8.3.6 Russia Market Size and Forecast (2019-2030)

8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

9.1 Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific VFD (Variable Frequency Drives) Market Size by Region

9.3.1 Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific VFD (Variable Frequency Drives) Consumption Value by Region (2019-2030)

9.3.3 China Market Size and Forecast (2019-2030)

9.3.4 Japan Market Size and Forecast (2019-2030)

9.3.5 Korea Market Size and Forecast (2019-2030)

9.3.6 India Market Size and Forecast (2019-2030)

9.3.7 Southeast Asia Market Size and Forecast (2019-2030)

9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

10.1 South America VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2030)

10.2 South America VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2030)

10.3 South America VFD (Variable Frequency Drives) Market Size by Country

10.3.1 South America VFD (Variable Frequency Drives) Sales Quantity by Country (2019-2030)

10.3.2 South America VFD (Variable Frequency Drives) Consumption Value by Country (2019-2030)

10.3.3 Brazil Market Size and Forecast (2019-2030)

10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa VFD (Variable Frequency Drives) Market Size by Country

11.3.1 Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa VFD (Variable Frequency Drives) Consumption Value by Country (2019-2030)

11.3.3 Turkey Market Size and Forecast (2019-2030)

11.3.4 Egypt Market Size and Forecast (2019-2030)

11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)

11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

12.1 VFD (Variable Frequency Drives) Market Drivers

12.2 VFD (Variable Frequency Drives) Market Restraints

12.3 VFD (Variable Frequency Drives) Trends Analysis

12.4 Porters Five Forces Analysis

- 12.4.1 Threat of New Entrants
- 12.4.2 Bargaining Power of Suppliers
- 12.4.3 Bargaining Power of Buyers
- 12.4.4 Threat of Substitutes
- 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of VFD (Variable Frequency Drives) and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of VFD (Variable Frequency Drives)
- 13.3 VFD (Variable Frequency Drives) Production Process
- 13.4 VFD (Variable Frequency Drives) Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 VFD (Variable Frequency Drives) Typical Distributors
- 14.3 VFD (Variable Frequency Drives) Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global VFD (Variable Frequency Drives) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global VFD (Variable Frequency Drives) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. ABB Basic Information, Manufacturing Base and Competitors

Table 4. ABB Major Business

Table 5. ABB VFD (Variable Frequency Drives) Product and Services

Table 6. ABB VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. ABB Recent Developments/Updates

Table 8. Siemens Basic Information, Manufacturing Base and Competitors

Table 9. Siemens Major Business

Table 10. Siemens VFD (Variable Frequency Drives) Product and Services

Table 11. Siemens VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Siemens Recent Developments/Updates

Table 13. Schneider Electric Basic Information, Manufacturing Base and Competitors

Table 14. Schneider Electric Major Business

Table 15. Schneider Electric VFD (Variable Frequency Drives) Product and Services

Table 16. Schneider Electric VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Schneider Electric Recent Developments/Updates

Table 18. Emerson Electric Basic Information, Manufacturing Base and Competitors

Table 19. Emerson Electric Major Business

Table 20. Emerson Electric VFD (Variable Frequency Drives) Product and Services

Table 21. Emerson Electric VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Emerson Electric Recent Developments/Updates

Table 23. Yaskawa Electric Basic Information, Manufacturing Base and Competitors

Table 24. Yaskawa Electric Major Business

Table 25. Yaskawa Electric VFD (Variable Frequency Drives) Product and Services

Table 26. Yaskawa Electric VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share

(2019-2024)

Table 27. Yaskawa Electric Recent Developments/Updates

Table 28. Mitsubishi Basic Information, Manufacturing Base and Competitors

Table 29. Mitsubishi Major Business

Table 30. Mitsubishi VFD (Variable Frequency Drives) Product and Services

Table 31. Mitsubishi VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Mitsubishi Recent Developments/Updates

Table 33. Hitach Basic Information, Manufacturing Base and Competitors

Table 34. Hitach Major Business

Table 35. Hitach VFD (Variable Frequency Drives) Product and Services

Table 36. Hitach VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Hitach Recent Developments/Updates

Table 38. Danfoss Basic Information, Manufacturing Base and Competitors

Table 39. Danfoss Major Business

Table 40. Danfoss VFD (Variable Frequency Drives) Product and Services

Table 41. Danfoss VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Danfoss Recent Developments/Updates

Table 43. Toshiba Basic Information, Manufacturing Base and Competitors

Table 44. Toshiba Major Business

Table 45. Toshiba VFD (Variable Frequency Drives) Product and Services

Table 46. Toshiba VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Toshiba Recent Developments/Updates

Table 48. Fuji Electric Basic Information, Manufacturing Base and Competitors

Table 49. Fuji Electric Major Business

Table 50. Fuji Electric VFD (Variable Frequency Drives) Product and Services

Table 51. Fuji Electric VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Fuji Electric Recent Developments/Updates

Table 53. Rockwell Automation Basic Information, Manufacturing Base and Competitors

Table 54. Rockwell Automation Major Business

Table 55. Rockwell Automation VFD (Variable Frequency Drives) Product and Services

Table 56. Rockwell Automation VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market

Share (2019-2024)

Table 57. Rockwell Automation Recent Developments/Updates

Table 58. Inovance Basic Information, Manufacturing Base and Competitors

Table 59. Inovance Major Business

Table 60. Inovance VFD (Variable Frequency Drives) Product and Services

Table 61. Inovance VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Inovance Recent Developments/Updates

Table 63. Hiconics Basic Information, Manufacturing Base and Competitors

Table 64. Hiconics Major Business

Table 65. Hiconics VFD (Variable Frequency Drives) Product and Services

Table 66. Hiconics VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Hiconics Recent Developments/Updates

Table 68. INVT Basic Information, Manufacturing Base and Competitors

Table 69. INVT Major Business

Table 70. INVT VFD (Variable Frequency Drives) Product and Services

Table 71. INVT VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. INVT Recent Developments/Updates

Table 73. Slanvert Basic Information, Manufacturing Base and Competitors

Table 74. Slanvert Major Business

Table 75. Slanvert VFD (Variable Frequency Drives) Product and Services

Table 76. Slanvert VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Slanvert Recent Developments/Updates

Table 78. EURA Drives Basic Information, Manufacturing Base and Competitors

Table 79. EURA Drives Major Business

Table 80. EURA Drives VFD (Variable Frequency Drives) Product and Services

Table 81. EURA Drives VFD (Variable Frequency Drives) Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 82. EURA Drives Recent Developments/Updates

Table 83. Global VFD (Variable Frequency Drives) Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 84. Global VFD (Variable Frequency Drives) Revenue by Manufacturer (2019-2024) & (USD Million)

Table 85. Global VFD (Variable Frequency Drives) Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 86. Market Position of Manufacturers in VFD (Variable Frequency Drives), (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 87. Head Office and VFD (Variable Frequency Drives) Production Site of Key Manufacturer

Table 88. VFD (Variable Frequency Drives) Market: Company Product Type Footprint

Table 89. VFD (Variable Frequency Drives) Market: Company Product Application Footprint

Table 90. VFD (Variable Frequency Drives) New Market Entrants and Barriers to Market Entry

Table 91. VFD (Variable Frequency Drives) Mergers, Acquisition, Agreements, and Collaborations

Table 92. Global VFD (Variable Frequency Drives) Sales Quantity by Region (2019-2024) & (K Units)

Table 93. Global VFD (Variable Frequency Drives) Sales Quantity by Region (2025-2030) & (K Units)

Table 94. Global VFD (Variable Frequency Drives) Consumption Value by Region (2019-2024) & (USD Million)

Table 95. Global VFD (Variable Frequency Drives) Consumption Value by Region (2025-2030) & (USD Million)

Table 96. Global VFD (Variable Frequency Drives) Average Price by Region (2019-2024) & (USD/Unit)

Table 97. Global VFD (Variable Frequency Drives) Average Price by Region (2025-2030) & (USD/Unit)

Table 98. Global VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2024) & (K Units)

Table 99. Global VFD (Variable Frequency Drives) Sales Quantity by Type (2025-2030) & (K Units)

Table 100. Global VFD (Variable Frequency Drives) Consumption Value by Type (2019-2024) & (USD Million)

Table 101. Global VFD (Variable Frequency Drives) Consumption Value by Type (2025-2030) & (USD Million)

Table 102. Global VFD (Variable Frequency Drives) Average Price by Type (2019-2024) & (USD/Unit)

Table 103. Global VFD (Variable Frequency Drives) Average Price by Type (2025-2030) & (USD/Unit)

Table 104. Global VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2024) & (K Units)

Table 105. Global VFD (Variable Frequency Drives) Sales Quantity by Application (2025-2030) & (K Units)

Table 106. Global VFD (Variable Frequency Drives) Consumption Value by Application (2019-2024) & (USD Million)

Table 107. Global VFD (Variable Frequency Drives) Consumption Value by Application (2025-2030) & (USD Million)

Table 108. Global VFD (Variable Frequency Drives) Average Price by Application (2019-2024) & (USD/Unit)

Table 109. Global VFD (Variable Frequency Drives) Average Price by Application (2025-2030) & (USD/Unit)

Table 110. North America VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2024) & (K Units)

Table 111. North America VFD (Variable Frequency Drives) Sales Quantity by Type (2025-2030) & (K Units)

Table 112. North America VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2024) & (K Units)

Table 113. North America VFD (Variable Frequency Drives) Sales Quantity by Application (2025-2030) & (K Units)

Table 114. North America VFD (Variable Frequency Drives) Sales Quantity by Country (2019-2024) & (K Units)

Table 115. North America VFD (Variable Frequency Drives) Sales Quantity by Country (2025-2030) & (K Units)

Table 116. North America VFD (Variable Frequency Drives) Consumption Value by Country (2019-2024) & (USD Million)

Table 117. North America VFD (Variable Frequency Drives) Consumption Value by Country (2025-2030) & (USD Million)

Table 118. Europe VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2024) & (K Units)

Table 119. Europe VFD (Variable Frequency Drives) Sales Quantity by Type (2025-2030) & (K Units)

Table 120. Europe VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2024) & (K Units)

Table 121. Europe VFD (Variable Frequency Drives) Sales Quantity by Application (2025-2030) & (K Units)

Table 122. Europe VFD (Variable Frequency Drives) Sales Quantity by Country (2019-2024) & (K Units)

Table 123. Europe VFD (Variable Frequency Drives) Sales Quantity by Country (2025-2030) & (K Units)

Table 124. Europe VFD (Variable Frequency Drives) Consumption Value by Country (2019-2024) & (USD Million)

Table 125. Europe VFD (Variable Frequency Drives) Consumption Value by Country

(2025-2030) & (USD Million)

Table 126. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2024) & (K Units)

Table 127. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Type (2025-2030) & (K Units)

Table 128. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2024) & (K Units)

Table 129. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Application (2025-2030) & (K Units)

Table 130. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Region (2019-2024) & (K Units)

Table 131. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity by Region (2025-2030) & (K Units)

Table 132. Asia-Pacific VFD (Variable Frequency Drives) Consumption Value by Region (2019-2024) & (USD Million)

Table 133. Asia-Pacific VFD (Variable Frequency Drives) Consumption Value by Region (2025-2030) & (USD Million)

Table 134. South America VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2024) & (K Units)

Table 135. South America VFD (Variable Frequency Drives) Sales Quantity by Type (2025-2030) & (K Units)

Table 136. South America VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2024) & (K Units)

Table 137. South America VFD (Variable Frequency Drives) Sales Quantity by Application (2025-2030) & (K Units)

Table 138. South America VFD (Variable Frequency Drives) Sales Quantity by Country (2019-2024) & (K Units)

Table 139. South America VFD (Variable Frequency Drives) Sales Quantity by Country (2025-2030) & (K Units)

Table 140. South America VFD (Variable Frequency Drives) Consumption Value by Country (2019-2024) & (USD Million)

Table 141. South America VFD (Variable Frequency Drives) Consumption Value by Country (2025-2030) & (USD Million)

Table 142. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Type (2019-2024) & (K Units)

Table 143. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Type (2025-2030) & (K Units)

Table 144. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Application (2019-2024) & (K Units)

Table 145. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Application (2025-2030) & (K Units)

Table 146. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Region (2019-2024) & (K Units)

Table 147. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity by Region (2025-2030) & (K Units)

Table 148. Middle East & Africa VFD (Variable Frequency Drives) Consumption Value by Region (2019-2024) & (USD Million)

Table 149. Middle East & Africa VFD (Variable Frequency Drives) Consumption Value by Region (2025-2030) & (USD Million)

Table 150. VFD (Variable Frequency Drives) Raw Material

Table 151. Key Manufacturers of VFD (Variable Frequency Drives) Raw Materials

Table 152. VFD (Variable Frequency Drives) Typical Distributors

Table 153. VFD (Variable Frequency Drives) Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. VFD (Variable Frequency Drives) Picture
- Figure 2. Global VFD (Variable Frequency Drives) Consumption Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global VFD (Variable Frequency Drives) Consumption Value Market Share by Type in 2023
- Figure 4. Low Voltage (0-690V) Examples
- Figure 5. Medium Voltage (690V-3000V) Examples
- Figure 6. High Voltage (3 kV-10 kV) Examples
- Figure 7. Global VFD (Variable Frequency Drives) Consumption Value by Application, (USD Million), 2019 & 2023 & 2030
- Figure 8. Global VFD (Variable Frequency Drives) Consumption Value Market Share by Application in 2023
- Figure 9. Pumps Examples
- Figure 10. Fans Examples
- Figure 11. Compressors Examples
- Figure 12. Conveyors Examples
- Figure 13. Elevators Examples
- Figure 14. Extruders Examples
- Figure 15. Others Examples
- Figure 16. Global VFD (Variable Frequency Drives) Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 17. Global VFD (Variable Frequency Drives) Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 18. Global VFD (Variable Frequency Drives) Sales Quantity (2019-2030) & (K Units)
- Figure 19. Global VFD (Variable Frequency Drives) Average Price (2019-2030) & (USD/Unit)
- Figure 20. Global VFD (Variable Frequency Drives) Sales Quantity Market Share by Manufacturer in 2023
- Figure 21. Global VFD (Variable Frequency Drives) Consumption Value Market Share by Manufacturer in 2023
- Figure 22. Producer Shipments of VFD (Variable Frequency Drives) by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023
- Figure 23. Top 3 VFD (Variable Frequency Drives) Manufacturer (Consumption Value) Market Share in 2023

Figure 24. Top 6 VFD (Variable Frequency Drives) Manufacturer (Consumption Value) Market Share in 2023

Figure 25. Global VFD (Variable Frequency Drives) Sales Quantity Market Share by Region (2019-2030)

Figure 26. Global VFD (Variable Frequency Drives) Consumption Value Market Share by Region (2019-2030)

Figure 27. North America VFD (Variable Frequency Drives) Consumption Value (2019-2030) & (USD Million)

Figure 28. Europe VFD (Variable Frequency Drives) Consumption Value (2019-2030) & (USD Million)

Figure 29. Asia-Pacific VFD (Variable Frequency Drives) Consumption Value (2019-2030) & (USD Million)

Figure 30. South America VFD (Variable Frequency Drives) Consumption Value (2019-2030) & (USD Million)

Figure 31. Middle East & Africa VFD (Variable Frequency Drives) Consumption Value (2019-2030) & (USD Million)

Figure 32. Global VFD (Variable Frequency Drives) Sales Quantity Market Share by Type (2019-2030)

Figure 33. Global VFD (Variable Frequency Drives) Consumption Value Market Share by Type (2019-2030)

Figure 34. Global VFD (Variable Frequency Drives) Average Price by Type (2019-2030) & (USD/Unit)

Figure 35. Global VFD (Variable Frequency Drives) Sales Quantity Market Share by Application (2019-2030)

Figure 36. Global VFD (Variable Frequency Drives) Consumption Value Market Share by Application (2019-2030)

Figure 37. Global VFD (Variable Frequency Drives) Average Price by Application (2019-2030) & (USD/Unit)

Figure 38. North America VFD (Variable Frequency Drives) Sales Quantity Market Share by Type (2019-2030)

Figure 39. North America VFD (Variable Frequency Drives) Sales Quantity Market Share by Application (2019-2030)

Figure 40. North America VFD (Variable Frequency Drives) Sales Quantity Market Share by Country (2019-2030)

Figure 41. North America VFD (Variable Frequency Drives) Consumption Value Market Share by Country (2019-2030)

Figure 42. United States VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Canada VFD (Variable Frequency Drives) Consumption Value and Growth

Rate (2019-2030) & (USD Million)

Figure 44. Mexico VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 45. Europe VFD (Variable Frequency Drives) Sales Quantity Market Share by Type (2019-2030)

Figure 46. Europe VFD (Variable Frequency Drives) Sales Quantity Market Share by Application (2019-2030)

Figure 47. Europe VFD (Variable Frequency Drives) Sales Quantity Market Share by Country (2019-2030)

Figure 48. Europe VFD (Variable Frequency Drives) Consumption Value Market Share by Country (2019-2030)

Figure 49. Germany VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. France VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. United Kingdom VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Russia VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. Italy VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity Market Share by Type (2019-2030)

Figure 55. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity Market Share by Application (2019-2030)

Figure 56. Asia-Pacific VFD (Variable Frequency Drives) Sales Quantity Market Share by Region (2019-2030)

Figure 57. Asia-Pacific VFD (Variable Frequency Drives) Consumption Value Market Share by Region (2019-2030)

Figure 58. China VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Japan VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Korea VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. India VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Southeast Asia VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)

- Figure 63. Australia VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 64. South America VFD (Variable Frequency Drives) Sales Quantity Market Share by Type (2019-2030)
- Figure 65. South America VFD (Variable Frequency Drives) Sales Quantity Market Share by Application (2019-2030)
- Figure 66. South America VFD (Variable Frequency Drives) Sales Quantity Market Share by Country (2019-2030)
- Figure 67. South America VFD (Variable Frequency Drives) Consumption Value Market Share by Country (2019-2030)
- Figure 68. Brazil VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 69. Argentina VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 70. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity Market Share by Type (2019-2030)
- Figure 71. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity Market Share by Application (2019-2030)
- Figure 72. Middle East & Africa VFD (Variable Frequency Drives) Sales Quantity Market Share by Region (2019-2030)
- Figure 73. Middle East & Africa VFD (Variable Frequency Drives) Consumption Value Market Share by Region (2019-2030)
- Figure 74. Turkey VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 75. Egypt VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 76. Saudi Arabia VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 77. South Africa VFD (Variable Frequency Drives) Consumption Value and Growth Rate (2019-2030) & (USD Million)
- Figure 78. VFD (Variable Frequency Drives) Market Drivers
- Figure 79. VFD (Variable Frequency Drives) Market Restraints
- Figure 80. VFD (Variable Frequency Drives) Market Trends
- Figure 81. Porters Five Forces Analysis
- Figure 82. Manufacturing Cost Structure Analysis of VFD (Variable Frequency Drives) in 2023
- Figure 83. Manufacturing Process Analysis of VFD (Variable Frequency Drives)
- Figure 84. VFD (Variable Frequency Drives) Industrial Chain
- Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology

Figure 89. Research Process and Data Source

I would like to order

Product name: Global VFD (Variable Frequency Drives) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/G16CAEBE2730EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G16CAEBE2730EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

