

Global Single Phase Variable Frequency Drives (VFD) Market Growth 2025-2031

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Abstracts

The global Single Phase Variable Frequency Drives (VFD) market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

A variable-frequency drive (VFD) or adjustable-frequency drive (AFD), variable-voltage/variable-frequency (VVVF) drive, variable speed drive (VSD), AC drive, micro drive or inverter drive is a type of adjustable-speed drive used in electro-mechanical drive systems to control AC motor speed and torque by varying motor input frequency and voltage.

United States market for Single Phase Variable Frequency Drives (VFD) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Single Phase Variable Frequency Drives (VFD) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Single Phase Variable Frequency Drives (VFD) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Single Phase Variable Frequency Drives (VFD) players cover ABB, Siemens, Schneider Electric, Emerson Electric, Yaskawa Electric, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Single Phase Variable Frequency Drives (VFD) Industry Forecast" looks at past sales and reviews total world Single Phase Variable Frequency Drives (VFD) sales in 2024, providing a comprehensive analysis by region and market sector of projected Single Phase Variable Frequency Drives (VFD) sales for 2025 through 2031. With Single Phase Variable Frequency Drives (VFD) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Single Phase Variable Frequency Drives (VFD) industry.

This Insight Report provides a comprehensive analysis of the global Single Phase Variable Frequency Drives (VFD) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Single Phase Variable Frequency Drives (VFD) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Single Phase Variable Frequency Drives (VFD) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Single Phase Variable Frequency Drives (VFD) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Single Phase Variable Frequency Drives (VFD).

This report presents a comprehensive overview, market shares, and growth opportunities of Single Phase Variable Frequency Drives (VFD) market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Low Voltage (0-690V)

Medium Voltage (690V-3000V)

High Voltage (3 kV-10 kV)

Segmentation by Application:

Pumps

Fans

Compressors

Conveyors

Elevators

Extruders

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

ABB

Siemens

Schneider Electric

Emerson Electric

Yaskawa Electric

Mitsubishi Electric Corporation

Hitachi

Danfoss

Fuji Electric

Rockwell Automation

Invertek Drives

Gozuk

Eaton

Hyundai Electric

Toshiba Industrial

Key Questions Addressed in this Report

What is the 10-year outlook for the global Single Phase Variable Frequency Drives (VFD) market?

What factors are driving Single Phase Variable Frequency Drives (VFD) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Single Phase Variable Frequency Drives (VFD) market opportunities vary by end market size?

How does Single Phase Variable Frequency Drives (VFD) break out by Type, by Application?

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