

# 2017-2022 Global and Japan Variable-frequency Drive (VFD) Market Analysis Report

<https://marketpublishers.com/r/2E648E07911EN.html>

Date: August 2017

Pages: 113

Price: US\$ 3,085.00 (Single User License)

ID: 2E648E07911EN

## Abstracts

The global Variable-frequency Drive(VFD) market is valued at XX million USD in 2016 and is expected to reach XX million USD by the end of 2017, growing at a CAGR of XX% between 2016 and 2022.

Japan plays an important role in global market, with market size of xx million USD in 2016 and will be xx million USD in 2017, with a CAGR of xx%.

This report, with focus on top players in the global and Japan, studies the Variable-frequency Drive(VFD) market's development status and future trend in the global and Japan. It splits Variable-frequency Drive(VFD) market by type and by applications to fully and deeply research and reveal market profile and prospect.

The major players include

SIEMENS(Germany)

ABB(Switzerland)

Yaskawa(Japan)

Mitsubishi(Japan)

Schneider(France)

Emerson(US)

FujiElectric(Japan)

DELTA(Taiwan, China)

inovance(China)

invtr(China)

Omron(Japan)

Rockwell(US)

Danfoss(Denmark)

TOSHIBA(China)

SLANVERT(China)

V&T(China)

Veichi(China)

EURA DRIVES(China)

Geographically, this report splits the Global market into the following regions:

Asia Pacific

Japan

Tokyo

Yokohama

Osaka

Nagoya

Others

China

Korea

India

Others

Europe

France

Germany

United Kingdom

Italy

Russia

Others

North America

United States

Canada

Latin America

Brazil

Mexico

Others

Southeast Asia

Singapore

Malaysia

Vietnam

Myanmar

Thailand

Indonesia

Philippines

Others

Middle East & Africa

Saudi Arabia

Iran

UAE

Turkey

Israel

Egypt

South Africa

Others

On the basis of product, the Variable-frequency Drive(VFD) market is primarily split into

By VFD Main Circuit Classification

Voltage Type Main Circuit

Current Type Main Circuit

By VFD Function

Frequency Conversion

Power Factor Compensation

Soft Start

By VFD Composition

Rectifier Unit

High Capacity Capacitance

Inverter

Controller

By Frequency Given Mode

Operator Keyboard Given

Contact Signal Given

Analog Signal Given

Pulse Signal Given

Communication Mode Given

By Effect

Energy Saving

Improve Productivity

improve Product Quality

Adapt to the Environment

Others

#### Key Applications

Metallurgical Industry

Factory Machinery

Household Appliances

Equipment Machinery

## Contents

### 1 VARIABLE-FREQUENCY DRIVE(VFD) OVERVIEW

#### 1.1 Product Overview and Scope of Variable-frequency Drive(VFD)

#### 1.2 Global and Japan Variable-frequency Drive(VFD) Market by Applications/End Users

##### 1.2.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share Comparison by Applications (2012-2017)

###### 1.2.1.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by Applications (2012-2017)

###### 1.2.1.2 Japan Variable-frequency Drive(VFD) Sales Growth Rate (%) by Applications (2012-2017)

###### 1.2.1.3 Market Drivers and Opportunities

##### 1.2.2 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share Comparison by Applications (2012-2017)

##### 1.2.3 Global Variable-frequency Drive(VFD) Sales by Application (2012-2017)

###### 1.2.3.1 Global Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by Applications (2012-2017)

###### 1.2.3.2 Global Variable-frequency Drive(VFD) Sales Growth Rate (%) by Applications (2012-2017)

###### 1.2.3.3 Market Drivers and Opportunities

##### 1.2.4 Global Variable-frequency Drive(VFD) Sales (Million Units) and Market Share Comparison by Applications (2012-2017)

##### 1.2.5 Metallurgical Industry

##### 1.2.6 Factory Machinery

##### 1.2.7 Household Appliances

##### 1.2.8 Equipment Machinery

#### 1.3 Global and Japan Market Size (Sales and Revenue) of Variable-frequency Drive(VFD) (2012-2017)

##### 1.3.1 Japan Market Size (Sales and Revenue) of Variable-frequency Drive(VFD) (2012-2017)

###### 1.3.1.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Growth Rate (%) (2012-2017)

...

###### 1.3.2.1 Global Variable-frequency Drive(VFD) Sales (Million Units) and Growth Rate (%) (2012-2017)

###### 1.3.2.2 Global Variable-frequency Drive(VFD) Revenue (Million USD) and Growth Rate (2012-2017)

#### 1.4 Global and Japan Classification of Variable-frequency Drive(VFD) by VFD Main

## Circuit Classification

1.4.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by VFD Main Circuit Classification (2012-2017)

1.4.2 Global Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by VFD Main Circuit Classification (2012-2017)

1.4.3 Japan Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by VFD Main Circuit Classification (2012-2017)

...

1.4.8 Global Variable-frequency Drive(VFD) Sales Growth Rate (%) by VFD Main Circuit Classification (2012-2017)

1.4.9 Voltage Type Main Circuit

1.4.10 Current Type Main Circuit

1.5 Global and Japan Classification of Variable-frequency Drive(VFD) by VFD Function

1.5.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by VFD Function (2012-2017)

1.5.2 Global Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by VFD Function (2012-2017)

1.5.3 Japan Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by VFD Function (2012-2017)

1.5.4 Global Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by VFD Function (2012-2017)

1.5.5 Japan Variable-frequency Drive(VFD) Price (USD/K Units) by VFD Function (2012-2017)

1.5.6 Global Variable-frequency Drive(VFD) Price (USD/K Units) by VFD Function (2012-2017)

1.5.7 Japan Variable-frequency Drive(VFD) Sales Growth Rate (%) by VFD Function (2012-2017)

1.5.8 Global Variable-frequency Drive(VFD) Sales Growth Rate (%) by VFD Function (2012-2017)

1.5.9 Frequency Conversion

1.5.10 Power Factor Compensation

1.5.11 Soft Start

1.6 Global and Japan Classification of Variable-frequency Drive(VFD) by VFD Composition

1.6.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by VFD Composition (2012-2017)

1.6.2 Global Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by VFD Composition (2012-2017)

1.6.3 Japan Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share



by VFD Composition (2012-2017)

1.6.4 Global Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by VFD Composition (2012-2017)

1.6.5 Japan Variable-frequency Drive(VFD) Price (USD/K Units) by VFD Composition (2012-2017)

1.6.6 Global Variable-frequency Drive(VFD) Price (USD/K Units) by VFD Composition (2012-2017)

1.6.7 Japan Variable-frequency Drive(VFD) Sales Growth Rate (%) by VFD Composition (2012-2017)

1.6.8 Global Variable-frequency Drive(VFD) Sales Growth Rate (%) by VFD Composition (2012-2017)

1.6.9 Rectifier Unit

1.6.10 High Capacity Capacitance

1.6.11 Inverter

1.6.12 Controller

1.7 Global and Japan Classification of Variable-frequency Drive(VFD) by Frequency Given Mode

1.7.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by Frequency Given Mode (2012-2017)

1.7.2 Global Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by Frequency Given Mode (2012-2017)

1.7.3 Japan Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by Frequency Given Mode (2012-2017)

1.7.4 Global Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by Frequency Given Mode (2012-2017)

1.7.5 Japan Variable-frequency Drive(VFD) Price (USD/K Units) by Frequency Given Mode (2012-2017)

1.7.6 Global Variable-frequency Drive(VFD) Price (USD/K Units) by Frequency Given Mode (2012-2017)

1.7.7 Japan Variable-frequency Drive(VFD) Sales Growth Rate (%) by Frequency Given Mode (2012-2017)

1.7.8 Global Variable-frequency Drive(VFD) Sales Growth Rate (%) by Frequency Given Mode (2012-2017)

1.7.9 Operator Keyboard Given

1.7.10 Contact Signal Given

1.7.11 Analog Signal Given

1.7.12 Pulse Signal Given

1.7.13 Communication Mode Given

1.8 Global and Japan Classification of Variable-frequency Drive(VFD) by Effect

- 1.8.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by Effect (2012-2017)
- 1.8.2 Global Variable-frequency Drive(VFD) Sales (Million Units) and Market Share by Effect (2012-2017)
- 1.8.3 Japan Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by Effect (2012-2017)
- 1.8.4 Global Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share by Effect (2012-2017)
- 1.8.5 Japan Variable-frequency Drive(VFD) Price (USD/K Units) by Effect (2012-2017)
- 1.8.6 Global Variable-frequency Drive(VFD) Price (USD/K Units) by Effect (2012-2017)
- 1.8.7 Japan Variable-frequency Drive(VFD) Sales Growth Rate (%) by Effect (2012-2017)
- 1.8.8 Global Variable-frequency Drive(VFD) Sales Growth Rate (%) by Effect (2012-2017)
- 1.8.9 Energy Saving
- 1.8.10 Improve Productivity
- 1.8.11 improve Product Quality
- 1.8.12 Adapt to the Environment
- 1.8.13 Others

## **2 GLOBAL AND JAPAN VARIABLE-FREQUENCY DRIVE(VFD) MARKET COMPETITION BY PLAYERS/MANUFACTURERS**

- 2.1 Japan Variable-frequency Drive(VFD) Market Competition by Players/Manufacturers
  - 2.1.1 Japan Variable-frequency Drive(VFD) Sales and Market Share of Key Players/Manufacturers (2012-2017)
  - 2.1.2 Japan Variable-frequency Drive(VFD) Revenue and Share by Players/Manufacturers (2012-2017)
  - 2.1.3 Japan Variable-frequency Drive(VFD) Average Price (USD/K Units) by Players/Manufacturers (2012-2017)
  - 2.1.4 Japan Variable-frequency Drive(VFD) Market Competitive Situation and Trends
    - 2.1.4.1 Japan Variable-frequency Drive(VFD) Market Concentration Rate
    - 2.1.4.2 Japan Variable-frequency Drive(VFD) Market Share of Top 3 and Top 5 Players/Manufacturers
    - 2.1.4.3 Mergers & Acquisitions, Expansion in Japan Market
  - 2.1.5 Japan Players/Manufacturers Variable-frequency Drive(VFD) Manufacturing Base Distribution, Sales Area, Product Types
- 2.2 Global Variable-frequency Drive(VFD) Market Competition by Players/Manufacturers

- 2.2.1 Global Variable-frequency Drive(VFD) Sales and Market Share of Key Players/Manufacturers (2012-2017)
- 2.2.2 Global Variable-frequency Drive(VFD) Revenue and Share by Players/Manufacturers (2012-2017)
- 2.2.3 Global Variable-frequency Drive(VFD) Average Price (USD/K Units) by Players/Manufacturers (2012-2017)
- 2.2.4 Global Variable-frequency Drive(VFD) Market Competitive Situation and Trends
  - 2.2.4.1 Global Variable-frequency Drive(VFD) Market Concentration Rate
  - 2.2.4.2 Global Variable-frequency Drive(VFD) Market Share of Top 3 and Top 5 Players/Manufacturers
  - 2.2.4.3 Mergers & Acquisitions, Expansion in Global Market
- 2.2.5 Global Players/Manufacturers Variable-frequency Drive(VFD) Manufacturing Base Distribution, Sales Area, Product Types

### **3 GLOBAL AND JAPAN VARIABLE-FREQUENCY DRIVE(VFD) SALES AND REVENUE BY REGIONS (2012-2017)**

- 3.1 Asia Pacific Variable-frequency Drive(VFD) Sales and Revenue by Regions (2012-2017)
  - 3.1.1 Japan Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)
    - 3.1.1.1 Japan Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)
    - 3.1.1.2 Japan Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)
    - 3.1.1.3 Japan Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)
  - 3.1.2 China Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)
    - 3.1.2.1 China Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)
    - 3.1.2.2 China Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)
    - 3.1.2.3 China Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)
  - 3.1.3 Korea Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)
    - 3.1.3.1 Korea Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)
    - 3.1.3.2 Korea Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)
    - 3.1.3.3 Korea Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)
  - 3.1.4 India Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)
    - 3.1.4.1 India Variable-frequency Drive(VFD) Sales (Million Units) and Market Share

(2012-2017)

3.1.4.2 India Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.1.4.3 India Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.1.5 Others Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.1.5.1 Others Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.1.5.2 Others Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.1.5.3 Others Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.2 Europe Variable-frequency Drive(VFD) Sales and Revenue by Regions (2012-2017)

3.2.1 France Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.2.1.1 France Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.2.1.2 France Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.2.1.3 France Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.2.2 Germany Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.2.2.1 Germany Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.2.2.2 Germany Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.2.2.3 Germany Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.2.3 United Kingdom Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.2.3.1 United Kingdom Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.2.3.2 United Kingdom Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.2.3.3 United Kingdom Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.2.4 Italy Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.2.4.1 Italy Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.2.4.2 Italy Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.2.4.3 Italy Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.2.5 Russia Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.2.5.1 Russia Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.2.5.2 Russia Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.2.5.3 Russia Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.2.6 Others Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.2.6.1 Others Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.2.6.2 Others Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.2.6.3 Others Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.3 North America Variable-frequency Drive(VFD) Sales and Revenue by Regions (2012-2017)

3.3.1 United States Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.3.1.1 United States Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.3.1.2 United States Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.3.1.3 United States Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.3.2 Canada Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.3.2.1 Canada Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.3.2.2 Canada Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.3.2.3 Canada Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.4 Latin America Variable-frequency Drive(VFD) Sales and Revenue by Regions (2012-2017)

3.4.1 Brazil Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.4.1.1 Brazil Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.4.1.2 Brazil Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.4.1.3 Brazil Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.4.2 Mexico Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.4.2.1 Mexico Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.4.2.2 Mexico Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.4.2.3 Mexico Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.4.3 Others Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.4.3.1 Others Variable-frequency Drive(VFD) Sales (Million Units) and Market Share



(2012-2017)

3.4.3.2 Others Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.4.3.3 Others Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5 Southeast Asia Variable-frequency Drive(VFD) Sales and Revenue by Regions (2012-2017)

3.5.1 Singapore Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.1.1 Singapore Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.1.2 Singapore Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.1.3 Singapore Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5.2 Malaysia Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.2.1 Malaysia Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.2.2 Malaysia Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.2.3 Malaysia Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5.3 Vietnam Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.3.1 Vietnam Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.3.2 Vietnam Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.3.3 Vietnam Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5.4 Myanmar Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.4.1 Myanmar Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.4.2 Myanmar Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.4.3 Myanmar Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5.5 Thailand Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.5.1 Thailand Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.5.2 Thailand Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.5.3 Thailand Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5.6 Indonesia Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.6.1 Indonesia Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.6.2 Indonesia Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.6.3 Indonesia Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5.7 Philippines Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.7.1 Philippines Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.7.2 Philippines Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.7.3 Philippines Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.5.8 Others Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.5.8.1 Others Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.5.8.2 Others Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.5.8.3 Others Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6 Middle East & Africa Variable-frequency Drive(VFD) Sales and Revenue by Regions (2012-2017)

3.6.1 Saudi Arabia Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.1.1 Saudi Arabia Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.1.2 Saudi Arabia Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.6.1.3 Saudi Arabia Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6.2 Iran Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.2.1 Iran Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.2.2 Iran Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.6.2.3 Iran Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6.3 UAE Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.3.1 UAE Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.3.2 UAE Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.6.3.3 UAE Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6.4 Turkey Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.4.1 Turkey Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.4.2 Turkey Variable-frequency Drive(VFD) Revenue (Million USD) and Market

## Share (2012-2017)

3.6.4.3 Turkey Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6.5 Israel Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.5.1 Israel Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.5.2 Israel Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.6.5.3 Israel Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6.6 Egypt Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.6.1 Egypt Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.6.2 Egypt Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.6.6.3 Egypt Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6.7 South Africa Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.7.1 South Africa Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.7.2 South Africa Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.6.7.3 South Africa Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

3.6.8 Others Variable-frequency Drive(VFD) Sales and Revenue (2012-2017)

3.6.8.1 Others Variable-frequency Drive(VFD) Sales (Million Units) and Market Share (2012-2017)

3.6.8.2 Others Variable-frequency Drive(VFD) Revenue (Million USD) and Market Share (2012-2017)

3.6.8.3 Others Variable-frequency Drive(VFD) Price (USD/K Units)(2012-2017)

## **4 GLOBAL AND JAPAN VARIABLE-FREQUENCY DRIVE(VFD) PLAYERS/MANUFACTURERS PROFILES AND SALES DATA**

### 4.1 SIEMENS(Germany)

4.1.1 Company Basic Information, Manufacturing Base and Competitors

4.1.2 Variable-frequency Drive(VFD) Product Category, Application and Specification

4.1.2.1 Product A

4.1.2.2 Product B

4.1.3 SIEMENS(Germany) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

4.1.4 Main Business/Business Overview

### 4.2 ABB(Switzerland)



- 4.2.1 Company Basic Information, Manufacturing Base and Competitors
- 4.2.2 Variable-frequency Drive(VFD) Product Category, Application and Specification
  - 4.2.2.1 Product A
  - 4.2.2.2 Product B
- 4.2.3 ABB(Switzerland) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)
- 4.2.4 Main Business/Business Overview
- 4.3 Yaskawa(Japan)
  - 4.3.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.3.2 Variable-frequency Drive(VFD) Product Category, Application and Specification
    - 4.3.2.1 Product A
    - 4.3.2.2 Product B
  - 4.3.3 Yaskawa(Japan) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)
  - 4.3.4 Main Business/Business Overview
- 4.4 Mitsubishi(Japan)
  - 4.4.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.4.2 Variable-frequency Drive(VFD) Product Category, Application and Specification
    - 4.4.2.1 Product A
    - 4.4.2.2 Product B
  - 4.4.3 Mitsubishi(Japan) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)
  - 4.4.4 Main Business/Business Overview
- 4.5 Schneider(France)
  - 4.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.5.2 Variable-frequency Drive(VFD) Product Category, Application and Specification
    - 4.5.2.1 Product A
    - 4.5.2.2 Product B
  - 4.5.3 Schneider(France) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)
  - 4.5.4 Main Business/Business Overview
- 4.6 Emerson(US)
  - 4.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 4.6.2 Variable-frequency Drive(VFD) Product Category, Application and Specification
    - 4.6.2.1 Product A
    - 4.6.2.2 Product B
  - 4.6.3 Emerson(US) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)
  - 4.6.4 Main Business/Business Overview

#### 4.7 FujiElectric(Japan)

##### 4.7.1 Company Basic Information, Manufacturing Base and Competitors

##### 4.7.2 Variable-frequency Drive(VFD) Product Category, Application and Specification

###### 4.7.2.1 Product A

###### 4.7.2.2 Product B

##### 4.7.3 FujiElectric(Japan) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

##### 4.7.4 Main Business/Business Overview

#### 4.8 DELTA(Taiwan, China)

##### 4.8.1 Company Basic Information, Manufacturing Base and Competitors

##### 4.8.2 Variable-frequency Drive(VFD) Product Category, Application and Specification

###### 4.8.2.1 Product A

###### 4.8.2.2 Product B

##### 4.8.3 DELTA(Taiwan, China) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

##### 4.8.4 Main Business/Business Overview

#### 4.9 inovance(China)

##### 4.9.1 Company Basic Information, Manufacturing Base and Competitors

##### 4.9.2 Variable-frequency Drive(VFD) Product Category, Application and Specification

###### 4.9.2.1 Product A

###### 4.9.2.2 Product B

##### 4.9.3 inovance(China) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

##### 4.9.4 Main Business/Business Overview

#### 4.10 invt(China)

##### 4.10.1 Company Basic Information, Manufacturing Base and Competitors

##### 4.10.2 Variable-frequency Drive(VFD) Product Category, Application and Specification

###### 4.10.2.1 Product A

###### 4.10.2.2 Product B

##### 4.10.3 invt(China) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

##### 4.10.4 Main Business/Business Overview

#### 4.11 Omron(Japan)

#### 4.12 Rockwell(US)

#### 4.13 Danfoss(Denmark)

#### 4.14 TOSHIBA(China)

#### 4.15 SLANVERT(China)

#### 4.16 V&T(China)

#### 4.17 Veichi(China)

#### 4.18 EURA DRIVES(China)

### **5 VARIABLE-FREQUENCY DRIVE(VFD) MANUFACTURING COST ANALYSIS**

#### 5.1 Variable-frequency Drive(VFD) Key Raw Materials Analysis

##### 5.1.1 Key Raw Materials

##### 5.1.2 Price Trend of Key Raw Materials

##### 5.1.3 Key Suppliers of Raw Materials

##### 5.1.4 Market Concentration Rate of Raw Materials

#### 5.2 Proportion of Manufacturing Cost Structure

##### 5.2.1 Raw Materials

##### 5.2.2 Labor Cost

##### 5.2.3 Manufacturing Expenses

#### 5.3 Manufacturing Process Analysis of Variable-frequency Drive(VFD)

### **6 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

#### 6.1 Variable-frequency Drive(VFD) Industrial Chain Analysis

#### 6.2 Upstream Raw Materials Sourcing

#### 6.3 Raw Materials Sources of Variable-frequency Drive(VFD) Major Players/Manufacturers in 2016

#### 6.4 Downstream Buyers

### **7 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

#### 7.1 Marketing Channel

##### 7.1.1 Direct Marketing

##### 7.1.2 Indirect Marketing

##### 7.1.3 Marketing Channel Development Trend

#### 7.2 Market Positioning

##### 7.2.1 Pricing Strategy

##### 7.2.2 Brand Strategy

##### 7.2.3 Target Client

#### 7.3 Distributors/Traders List

### **8 MARKET EFFECT FACTORS ANALYSIS**

#### 8.1 Technology Progress/Risk

##### 8.1.1 Substitutes Threat

- 8.1.2 Technology Progress in Related Industry
- 8.2 Consumer Needs/Customer Preference Change
- 8.3 Economic/Political Environmental Change

## **9 GLOBAL AND JAPAN VARIABLE-FREQUENCY DRIVE(VFD) MARKET SIZE (SALES AND REVENUE) FORECAST (2017-2022)**

- 9.1 Global and Japan Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD) Forecast (2017-2022)
- 9.2 Global and Japan Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Type (2017-2022)
  - 9.2.1 by VFD Main Circuit Classification
  - 9.2.2 by VFD Function
  - 9.2.3 by VFD Composition
  - 9.2.4 by Frequency Given Mode
  - 9.2.5 by Effect
- 9.3 Global and Japan Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Application (2017-2022)
- 9.4 Global and Japan Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Regions (2017-2022)

## **10 RESEARCH FINDINGS AND CONCLUSION**

## **11 METHODOLOGY AND DATA SOURCE**

- 11.1 Methodology/Research Approach
  - 11.1.1 Research Programs/Design
  - 11.1.2 Market Size Estimation
  - 11.1.3 Market Breakdown and Data Triangulation
- 11.2 Data Source
  - 11.2.1 Secondary Sources
  - 11.2.2 Primary Sources
- 11.3 Disclaimer
- 11.4 Author List

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Product Picture of Variable-frequency Drive(VFD)

Table Japan Variable-frequency Drive(VFD) Sales (Million Units) Comparison by Applications (2012-2017)

Figure Japan Sales Market Share (%) of Variable-frequency Drive(VFD) by Applications in 2016

Table Global Variable-frequency Drive(VFD) Sales (Million Units) Comparison by Applications (2012-2017)

Figure Global Sales Market Share (%) of Variable-frequency Drive(VFD) by Applications in 2016

Figure Metallurgical Industry Examples

Table Key Downstream Customer in Metallurgical Industry

Figure Factory Machinery Examples

Table Key Downstream Customer in Factory Machinery

Figure Household Appliances Examples

Table Key Downstream Customer in Household Appliances

Figure Equipment Machinery Examples

Table Key Downstream Customer in Equipment Machinery

Figure Voltage Type Main Circuit Product Picture

Figure Current Type Main Circuit Product Picture

Figure Frequency Conversion Product Picture

Figure Power Factor Compensation Product Picture

Figure Soft Start Product Picture

Figure Rectifier Unit Product Picture

Figure High Capacity Capacitance Product Picture

Figure Inverter Product Picture

Figure Controller Product Picture

Figure Operator Keyboard Given Product Picture

Figure Contact Signal Given Product Picture

Figure Analog Signal Given Product Picture

Figure Pulse Signal Given Product Picture

Figure Communication Mode Given Product Picture

Figure Improve Productivity Product Picture

Figure improve Product Quality Product Picture

Figure Adapt to the Environment Product Picture

Figure Others Product Picture

Table SIEMENS(Germany) Basic Information List

Table SIEMENS(Germany) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table SIEMENS(Germany) Variable-frequency Drive(VFD) Sales Growth Rate (%) (2012-2017)

Table SIEMENS(Germany) Variable-frequency Drive(VFD) Sales Market Share (%) in Japan (2012-2017)

Figure SIEMENS(Germany) Variable-frequency Drive(VFD) Revenue Market Share (%) in Japan (2012-2017)

Table ABB(Switzerland) Basic Information List

Table ABB(Switzerland) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table ABB(Switzerland) Variable-frequency Drive(VFD) Sales Growth Rate (%) (2012-2017)

Table ABB(Switzerland) Variable-frequency Drive(VFD) Sales Market Share (%) in Japan (2012-2017)

Figure ABB(Switzerland) Variable-frequency Drive(VFD) Revenue Market Share (%) in Japan (2012-2017)

Table Yaskawa(Japan) Basic Information List

Table Yaskawa(Japan) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table Yaskawa(Japan) Variable-frequency Drive(VFD) Sales Growth Rate (%) (2012-2017)

Table Yaskawa(Japan) Variable-frequency Drive(VFD) Sales Market Share (%) in Japan (2012-2017)

Figure Yaskawa(Japan) Variable-frequency Drive(VFD) Revenue Market Share (%) in Japan (2012-2017)

Table Mitsubishi(Japan) Basic Information List

Table Mitsubishi(Japan) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table Mitsubishi(Japan) Variable-frequency Drive(VFD) Sales Growth Rate (%) (2012-2017)

Table Mitsubishi(Japan) Variable-frequency Drive(VFD) Sales Market Share (%) in Japan (2012-2017)

Figure Mitsubishi(Japan) Variable-frequency Drive(VFD) Revenue Market Share (%) in Japan (2012-2017)

Table Schneider(France) Basic Information List

Table Schneider(France) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)



Table Schneider(France) Variable-frequency Drive(VFD) Sales Growth Rate  
(%)(2012-2017)

Table Schneider(France) Variable-frequency Drive(VFD) Sales Market Share (%) in  
Japan (2012-2017)

Figure Schneider(France) Variable-frequency Drive(VFD) Revenue Market Share (%) in  
Japan (2012-2017)

Table Emerson(US) Basic Information List

Table Emerson(US) Variable-frequency Drive(VFD) Sales (Million Units), Revenue  
(Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table Emerson(US) Variable-frequency Drive(VFD) Sales Growth Rate (%) (2012-2017)

Table Emerson(US) Variable-frequency Drive(VFD) Sales Market Share (%) in Japan  
(2012-2017)

Figure Emerson(US) Variable-frequency Drive(VFD) Revenue Market Share (%) in  
Japan (2012-2017)

Table FujiElectric(Japan) Basic Information List

Table FujiElectric(Japan) Variable-frequency Drive(VFD) Sales (Million Units), Revenue  
(Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table FujiElectric(Japan) Variable-frequency Drive(VFD) Sales Growth Rate  
(%) (2012-2017)

Table FujiElectric(Japan) Variable-frequency Drive(VFD) Sales Market Share (%) in  
Japan (2012-2017)

Figure FujiElectric(Japan) Variable-frequency Drive(VFD) Revenue Market Share (%) in  
Japan (2012-2017)

Table DELTA(Taiwan, China) Basic Information List

Table DELTA(Taiwan, China) Variable-frequency Drive(VFD) Sales (Million Units),  
Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table DELTA(Taiwan, China) Variable-frequency Drive(VFD) Sales Growth Rate  
(%) (2012-2017)

Table DELTA(Taiwan, China) Variable-frequency Drive(VFD) Sales Market Share (%) in  
Japan (2012-2017)

Figure DELTA(Taiwan, China) Variable-frequency Drive(VFD) Revenue Market Share  
(%) in Japan (2012-2017)

Table Inovance(China) Basic Information List

Table Inovance(China) Variable-frequency Drive(VFD) Sales (Million Units), Revenue  
(Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table Inovance(China) Variable-frequency Drive(VFD) Sales Growth Rate  
(%) (2012-2017)

Table Inovance(China) Variable-frequency Drive(VFD) Sales Market Share (%) in Japan  
(2012-2017)

Figure ino Vance(China) Variable-frequency Drive(VFD) Revenue Market Share (%) in Japan (2012-2017)

Table invt(China) Basic Information List

Table invt(China) Variable-frequency Drive(VFD) Sales (Million Units), Revenue (Million USD), Price (USD/K Units) and Gross Margin (%) (2012-2017)

Table invt(China) Variable-frequency Drive(VFD) Sales Growth Rate (%) (2012-2017)

Table invt(China) Variable-frequency Drive(VFD) Sales Market Share (%) in Japan (2012-2017)

Figure invt(China) Variable-frequency Drive(VFD) Revenue Market Share (%) in Japan (2012-2017)

Table Omron(Japan) Basic Information List

Table Rockwell(US) Basic Information List

Table Danfoss(Denmark) Basic Information List

Table TOSHIBA(China) Basic Information List

Table SLANVERT(China) Basic Information List

Table V&T(China) Basic Information List

Table Veichi(China) Basic Information List

Table EURA DRIVES(China) Basic Information List

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Variable-frequency Drive(VFD)

Figure Manufacturing Process Analysis of Variable-frequency Drive(VFD)

Figure Variable-frequency Drive(VFD) Industrial Chain Analysis

Table Raw Materials Sources of Variable-frequency Drive(VFD) Major Players/Manufacturers in 2016

Table Major Buyers of Variable-frequency Drive(VFD)

Table Distributors/Traders List

Figure Japan Variable-frequency Drive(VFD) Sales (Million Units) and Growth Rate (%) Forecast (2017-2022)

Figure Japan Variable-frequency Drive(VFD) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Japan Variable-frequency Drive(VFD) Price (USD/K Units) Trend Forecast (2017-2022)

Figure Global Variable-frequency Drive(VFD) Sales (Million Units) and Growth Rate (%) Forecast (2017-2022)

Figure Global Variable-frequency Drive(VFD) Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure Global Variable-frequency Drive(VFD) Price (USD/K Units) Trend Forecast



(2017-2022)

Table Japan Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Type  
(2017-2022)

Table Global Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Type  
(2017-2022)

Figure Japan Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Type  
(2017-2022)

Figure Global Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Type  
(2017-2022)

Figure Japan Variable-frequency Drive(VFD) Sales Volume Market Share Forecast by  
Type in 2017

Figure Global Variable-frequency Drive(VFD) Sales Volume Market Share Forecast by  
Type in 2017

Table Japan Variable-frequency Drive(VFD) Sales (Million Units) Forecast by  
Application (2017-2022)

Figure Japan Variable-frequency Drive(VFD) Sales Volume Market Share Forecast by  
Application (2017-2022)

Figure Japan Variable-frequency Drive(VFD) Sales Volume Market Share Forecast by  
Application in 2017

Table Global Variable-frequency Drive(VFD) Sales (Million Units) Forecast by  
Application (2017-2022)

Figure Global Variable-frequency Drive(VFD) Sales Volume Market Share Forecast by  
Application (2017-2022)

Figure Global Variable-frequency Drive(VFD) Sales Volume Market Share Forecast by  
Application in 2017

Table Japan Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Regions  
(2017-2022)

Table Japan Variable-frequency Drive(VFD) Sales Volume Share Forecast by Regions  
(2017-2022)

Figure Japan Variable-frequency Drive(VFD) Sales Volume Share Forecast by Regions  
(2017-2022)

Table Global Variable-frequency Drive(VFD) Sales (Million Units) Forecast by Regions  
(2017-2022)

Table Global Variable-frequency Drive(VFD) Sales Volume Share Forecast by Regions  
(2017-2022)

Figure Global Variable-frequency Drive(VFD) Sales Volume Share Forecast by Regions  
(2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources

## I would like to order

Product name: 2017-2022 Global and Japan Variable-frequency Drive (VFD) Market Analysis Report

Product link: <https://marketpublishers.com/r/2E648E07911EN.html>

Price: US\$ 3,085.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/2E648E07911EN.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