

2018 Top 5 Verified Frequency Driver (VFD) Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

<https://marketpublishers.com/r/25FBEC2CFD0EN.html>

Date: July 2018

Pages: 144

Price: US\$ 4,960.00 (Single User License)

ID: 25FBEC2CFD0EN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

A Variable Frequency Drive (VFD) is a type of motor controller that drives an electric motor by varying the frequency and voltage supplied to the electric motor.

Other names for a VFD are variable speed drive, adjustable speed drive, adjustable frequency drive, AC drive, Microdrive, and inverter.

This industry is affected by the economy and policy, so it's important to put an eye to economic indexes and leaders' prefer. With the global economic recovery, more and more people pay attention to rising environment standards, especially in underdevelopment regions that have a large population and fast economic growth, the need will increase.

We tend to believe this industry now is close to mature, and the consumption increasing degree will show a smooth curve. On product prices, the slow downward trend in recent years will maintain in the future, as competition intensifies, prices gap between different brands will go narrowing. Similarly, there will be fluctuation in gross margin.

Over the next five years, LPI(LP Information) projects that Verified Frequency Driver (VFD) will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

ABB

Siemens AG

Schneider Electric

Emerson Electric

Yaskawa Electric

Mitsubishi

Hitachi Ltd.

Danfoss

Toshiba

Fuji Electric

Rockwell Automation

Inovance

Hiconics

INVT

Slanvert

EURA Drives

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Low Voltage (0-690V)

Medium Voltage (690V-3000V)

High Voltage (3 kV-10 kV)

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Pumps

Fans

Compressors

Conveyors

Elevators

Extruders

Others

Contents

2018 TOP 5 VERIFIED FREQUENCY DRIVER (VFD) PLAYERS IN NORTH AMERICA, EUROPE, ASIA-PACIFIC, SOUTH AMERICA, MIDDLE EAST AND AFRICA

1 VERIFIED FREQUENCY DRIVER (VFD) MARKET OVERVIEW

- 1.1 Product Overview and Scope of Verified Frequency Driver (VFD)
- 1.2 Verified Frequency Driver (VFD) Segment by Types
 - 1.2.1 Global Sales Market Share of Verified Frequency Driver (VFD) by Types in 2017
 - 1.2.2 Low Voltage (0-690V)
 - 1.2.2.1 Major Players of Type I
 - 1.2.3 Medium Voltage (690V-3000V)
 - 1.2.3.1 Major Players of Medium Voltage (690V-3000V)
 - 1.2.4 High Voltage (3 kV-10 kV)
 - 1.2.4.1 Major Players of High Voltage (3 kV-10 kV)
- 1.3 Verified Frequency Driver (VFD) Segment by Applications
 - 1.3.1 Verified Frequency Driver (VFD) Sales Market Share by Applications in 2017
 - 1.3.2 Pumps
 - 1.3.3 Fans
 - 1.3.4 Compressors
 - 1.3.5 Conveyors
 - 1.3.6 Elevators
 - 1.3.7 Extruders
 - 1.3.8 Others
- 1.4 Verified Frequency Driver (VFD) Market by Regions
 - 1.4.1 North America Status and Prospect (2013-2023)
 - 1.4.1.1 North America Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.2 Asia-Pacific Status and Prospect (2013-2023)
 - 1.4.2.1 Asia-Pacific Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.3 Europe Status and Prospect (2013-2023)
 - 1.4.3.1 Europe Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
 - 1.4.4 South America Status and Prospect (2013-2023)
 - 1.4.4.1 South America Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)

1.4.5 Middle East and Africa Status and Prospect (2013-2023)

1.4.5.1 Middle East and Africa Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)

1.5 Global Market Size (Value) of Verified Frequency Driver (VFD) (2013-2023)

2 GLOBAL VERIFIED FREQUENCY DRIVER (VFD) SALES, REVENUE (VALUE) AND MARKET SHARE BY PLAYERS

2.1 Global Verified Frequency Driver (VFD) Sales and Market Share by Players in 2016 and 2017

2.1.1 Global Verified Frequency Driver (VFD) Sales by Players in 2016 and 2017

2.1.2 Global Verified Frequency Driver (VFD) Sales Market Share (%) by Players in 2016 and 2017

2.2 Global Verified Frequency Driver (VFD) Revenue and Market Share by Players in 2016 and 2017

2.2.1 Global Verified Frequency Driver (VFD) Revenue by Players in 2016 and 2017

2.2.2 Global Verified Frequency Driver (VFD) Revenue Market Share (%) by Players in 2016 and 2017

2.3 Global Verified Frequency Driver (VFD) Average Price by Players in 2016 and 2017

2.4 Global Verified Frequency Driver (VFD) Manufacturing Base Distribution, Sales Area, Product Types by Players

2.4.1 Global Verified Frequency Driver (VFD) Manufacturing Base Distribution and Sales Area by Players

2.4.2 Players Verified Frequency Driver (VFD) Product Types

2.5 Verified Frequency Driver (VFD) Market Competitive Situation and Trends

2.5.1 Verified Frequency Driver (VFD) Market Concentration Rate

2.5.2 Verified Frequency Driver (VFD) Market Share of Top 3 and Top 5 Players

2.5.3 Mergers & Acquisitions, Expansion

3 GLOBAL VERIFIED FREQUENCY DRIVER (VFD) SALES, REVENUE (VALUE) BY REGIONS, TYPE AND APPLICATION (2013-2018)

3.1 Global Verified Frequency Driver (VFD) Sales, Revenue and Market Share by Regions (2013-2018)

3.1.1 Global Verified Frequency Driver (VFD) Sales and Market Share by Regions (2013-2018)

3.1.2 Global Verified Frequency Driver (VFD) Revenue and Market Share by Regions (2013-2018)

3.2 Global Verified Frequency Driver (VFD) Sales, Revenue, Market Share and Price by

Type (2013-2018)

3.2.1 Global Verified Frequency Driver (VFD) Sales and Market Share by Type (2013-2018)

3.2.2 Global Verified Frequency Driver (VFD) Revenue and Market Share by Type (2013-2018)

3.2.3 Global Verified Frequency Driver (VFD) Price by Type (2013-2018)

3.3 Global Verified Frequency Driver (VFD) Sales and Market Share by Application (2013-2018)

3.3.1 Global Verified Frequency Driver (VFD) Sales by Application (2013-2018)

3.3.2 Global Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

3.4 Global Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

4 NORTH AMERICA TOP 5 PLAYERS VERIFIED FREQUENCY DRIVER (VFD) SALES, REVENUE AND PRICE

4.1 North America Top 5 Players Verified Frequency Driver (VFD) Sales, Revenue and Market Share in 2016 and 2017

4.1.1 North America Top 5 Players Verified Frequency Driver (VFD) Sales and Market Share in 2016 and 2017

4.1.2 North America Top 5 Players Verified Frequency Driver (VFD) Revenue and Market Share in 2016 and 2017

4.2 North America Verified Frequency Driver (VFD) Sales, Revenue, Market Share and Price by Type (2013-2018)

4.2.1 North America Verified Frequency Driver (VFD) Sales and Market Share by Type (2013-2018)

4.2.1.1 North America Verified Frequency Driver (VFD) Sales by Type (2013-2018)

4.2.1.2 North America Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

4.2.2 North America Verified Frequency Driver (VFD) Revenue and Market Share by Type (2013-2018)

4.2.2.1 North America Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

4.2.2.2 North America Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

4.2.3 North America Verified Frequency Driver (VFD) Price by Type (2013-2018)

4.3 North America Verified Frequency Driver (VFD) Sales and Market Share by Application (2013-2018)

4.3.1 North America Verified Frequency Driver (VFD) Sales by Application (2013-2018)

4.3.2 North America Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

4.4 North America Verified Frequency Driver (VFD) Sales and Market Share by Country (US, Canada and Mexico) (2013-2018)

4.4.1 North America Verified Frequency Driver (VFD) Sales by Country (2013-2018)

4.4.2 North America Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

4.5 North America Verified Frequency Driver (VFD) Import & Export (2013-2018)

5 EUROPE TOP 5 PLAYERS VERIFIED FREQUENCY DRIVER (VFD) SALES, REVENUE AND PRICE

5.1 Europe Top 5 Players Verified Frequency Driver (VFD) Sales, Revenue and Market Share in 2016 and 2017

5.1.1 Europe Top 5 Players Verified Frequency Driver (VFD) Sales and Market Share in 2016 and 2017

5.1.2 Europe Top 5 Players Verified Frequency Driver (VFD) Revenue and Market Share in 2016 and 2017

5.2 Europe Verified Frequency Driver (VFD) Sales, Revenue, Market Share and Price by Type (2013-2018)

5.2.1 Europe Verified Frequency Driver (VFD) Sales and Market Share by Type (2013-2018)

5.2.1.1 Europe Verified Frequency Driver (VFD) Sales by Type (2013-2018)

5.2.1.2 Europe Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

5.2.2 Europe Verified Frequency Driver (VFD) Revenue and Market Share by Type (2013-2018)

5.2.2.1 Europe Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

5.2.2.2 Europe Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

5.2.3 Europe Verified Frequency Driver (VFD) Price by Type (2013-2018)

5.3 Europe Verified Frequency Driver (VFD) Sales and Market Share by Application (2013-2018)

5.3.1 Europe Verified Frequency Driver (VFD) Sales by Application (2013-2018)

5.3.2 Europe Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

5.4 Europe Verified Frequency Driver (VFD) Sales and Market Share by Country

(Germany, UK, France, Italy and Russia) (2013-2018)

5.4.1 Europe Verified Frequency Driver (VFD) Sales by Country (2013-2018)

5.4.2 Europe Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

5.5 Europe Verified Frequency Driver (VFD) Import & Export (2013-2018)

6 ASIA-PACIFIC TOP 5 PLAYERS VERIFIED FREQUENCY DRIVER (VFD) SALES, REVENUE AND PRICE

6.1 Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Sales, Revenue and Market Share in 2016 and 2017

6.1.1 Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Sales and Market Share in 2016 and 2017

6.1.2 Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Revenue and Market Share in 2016 and 2017

6.2 Asia-Pacific Verified Frequency Driver (VFD) Sales, Revenue, Market Share and Price by Type (2013-2018)

6.2.1 Asia-Pacific Verified Frequency Driver (VFD) Sales and Market Share by Type (2013-2018)

6.2.1.1 Asia-Pacific Verified Frequency Driver (VFD) Sales by Type (2013-2018)

6.2.1.2 Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

6.2.2 Asia-Pacific Verified Frequency Driver (VFD) Revenue and Market Share by Type (2013-2018)

6.2.3 Asia-Pacific Verified Frequency Driver (VFD) Price by Type (2013-2018)

6.3 Asia-Pacific Verified Frequency Driver (VFD) Sales and Market Share by Application (2013-2018)

6.3.1 Asia-Pacific Verified Frequency Driver (VFD) Sales by Application (2013-2018)

6.3.2 Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

6.4 Asia-Pacific Verified Frequency Driver (VFD) Sales and Market Share by Country (China, Japan, Southeast Asia, India, Korea and Australia) (2013-2018)

6.4.1 Asia-Pacific Verified Frequency Driver (VFD) Sales by Country (2013-2018)

6.4.2 Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

6.5 Asia-Pacific Verified Frequency Driver (VFD) Import & Export (2013-2018)

7 SOUTH AMERICA TOP 5 PLAYERS VERIFIED FREQUENCY DRIVER (VFD) SALES, REVENUE AND PRICE

7.1 South America Top 5 Players Verified Frequency Driver (VFD) Sales, Revenue and Market Share in 2016 and 2017

7.1.1 South America Top 5 Players Verified Frequency Driver (VFD) Sales and Market Share in 2016 and 2017

7.1.2 South America Top 5 Players Verified Frequency Driver (VFD) Revenue and Market Share in 2016 and 2017

7.2 South America Verified Frequency Driver (VFD) Sales, Revenue, Market Share and Price by Type (2013-2018)

7.2.1 South America Verified Frequency Driver (VFD) Sales and Market Share by Type (2013-2018)

7.2.1.1 South America Verified Frequency Driver (VFD) Sales by Type (2013-2018)

7.2.1.2 South America Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

7.2.2 South America Verified Frequency Driver (VFD) Revenue and Market Share by Type (2013-2018)

7.2.2.1 South America Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

7.2.2.2 South America Verified Frequency Driver (VFD) Revenue and Market Share by Type (2013-2018)

7.2.3 South America Verified Frequency Driver (VFD) Price by Type (2013-2018)

7.3 South America Verified Frequency Driver (VFD) Sales and Market Share by Application (2013-2018)

7.3.1 South America Verified Frequency Driver (VFD) Sales by Application (2013-2018)

7.3.2 South America Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

7.4 South America Verified Frequency Driver (VFD) Sales and Market Share by Country (Brazil, Argentina, Chile and Peru) (2013-2018)

7.4.1 South America Verified Frequency Driver (VFD) Sales by Country (2013-2018)

7.4.2 South America Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

7.5 South America Verified Frequency Driver (VFD) Import & Export (2013-2018)

8 MIDDLE EAST & AFRICA TOP 5 PLAYERS VERIFIED FREQUENCY DRIVER (VFD) SALES, REVENUE AND PRICE

8.1 Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Sales, Revenue and Market Share in 2016 and 2017

8.1.1 Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Sales and Market Share in 2016 and 2017

8.1.2 Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Revenue and Market Share in 2016 and 2017

8.2 Middle East & Africa Verified Frequency Driver (VFD) Sales, Revenue, Market Share and Price by Type (2013-2018)

8.2.1 Middle East & Africa Verified Frequency Driver (VFD) Sales and Market Share by Type (2013-2018)

8.2.1.1 Middle East & Africa Verified Frequency Driver (VFD) Sales by Type (2013-2018)

8.2.1.2 Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

8.2.2 Middle East & Africa Verified Frequency Driver (VFD) Revenue and Market Share by Type (2013-2018)

8.2.2.1 Middle East & Africa Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

8.2.2.2 Middle East & Africa Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

8.2.3 Middle East & Africa Verified Frequency Driver (VFD) Price by Type (2013-2018)

8.3 Middle East & Africa Verified Frequency Driver (VFD) Sales and Market Share by Application (2013-2018)

8.3.1 Middle East & Africa Verified Frequency Driver (VFD) Sales by Application (2013-2018)

8.3.2 Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

8.4 Middle East & Africa Verified Frequency Driver (VFD) Sales and Market Share by Country (Egypt, Saudi Arabia, South Africa and Iran) (2013-2018)

8.4.1 Middle East & Africa Verified Frequency Driver (VFD) Sales by Country (2013-2018)

8.4.2 Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

8.5 Middle East & Africa Verified Frequency Driver (VFD) Import & Export (2013-2018)

9 GLOBAL VERIFIED FREQUENCY DRIVER (VFD) PLAYERS PROFILES/ANALYSIS

9.1 ABB

9.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

- 9.1.2 Verified Frequency Driver (VFD) Product Types, Application and Specification
 - 9.1.2.1 Product A
 - 9.1.2.2 Product B
- 9.1.3 ABB Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)
- 9.1.4 Main Business/Business Overview
- 9.1.5 ABB News
- 9.2 Siemens AG
 - 9.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 9.2.2 Verified Frequency Driver (VFD) Product Types, Application and Specification
 - 9.2.2.1 Product A
 - 9.2.2.2 Product B
 - 9.2.3 Siemens AG Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)
 - 9.2.4 Main Business/Business Overview
 - 9.2.5 Siemens AG News
- 9.3 Schneider Electric
 - 9.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 9.3.2 Verified Frequency Driver (VFD) Product Types, Application and Specification
 - 9.3.2.1 Product A
 - 9.3.2.2 Product B
 - 9.3.3 Schneider Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)
 - 9.3.4 Main Business/Business Overview
 - 9.3.5 Schneider Electric News
- 9.4 Emerson Electric
 - 9.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 9.4.2 Verified Frequency Driver (VFD) Product Types, Application and Specification
 - 9.4.2.1 Product A
 - 9.4.2.2 Product B
 - 9.4.3 Emerson Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)
 - 9.4.4 Main Business/Business Overview
 - 9.4.5 Emerson Electric News
- 9.5 Yaskawa Electric
 - 9.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.5.2 Verified Frequency Driver (VFD) Product Types, Application and Specification

9.5.2.1 Product A

9.5.2.2 Product B

9.5.3 Yaskawa Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

9.5.4 Main Business/Business Overview

9.5.5 Yaskawa Electric News

9.6 Mitsubishi

9.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.6.2 Verified Frequency Driver (VFD) Product Types, Application and Specification

9.6.2.1 Product A

9.6.2.2 Product B

9.6.3 Mitsubishi Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

9.6.4 Main Business/Business Overview

9.6.5 Mitsubishi News

9.7 Hitachi Ltd.

9.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.7.2 Verified Frequency Driver (VFD) Product Types, Application and Specification

9.7.2.1 Product A

9.7.2.2 Product B

9.7.3 Hitachi Ltd. Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

9.7.4 Main Business/Business Overview

9.7.5 Hitachi Ltd. News

9.8 Danfoss

9.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its

Competitors

9.8.2 Verified Frequency Driver (VFD) Product Types, Application and Specification

9.8.2.1 Product A

9.8.2.2 Product B

9.8.3 Danfoss Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

9.8.4 Main Business/Business Overview

9.8.5 Danfoss News

9.9 Toshiba

- 9.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
- 9.9.2 Verified Frequency Driver (VFD) Product Types, Application and Specification
 - 9.9.2.1 Product A
 - 9.9.2.2 Product B
- 9.9.3 Toshiba Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)
- 9.9.4 Main Business/Business Overview
- 9.9.5 Toshiba News
- 9.10 Fuji Electric
 - 9.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
 - 9.10.2 Verified Frequency Driver (VFD) Product Types, Application and Specification
 - 9.10.2.1 Product A
 - 9.10.2.2 Product B
 - 9.10.3 Fuji Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)
 - 9.10.4 Main Business/Business Overview
 - 9.10.5 Fuji Electric News
- 9.11 Rockwell Automation
- 9.12 Inovance
- 9.13 Hiconics
- 9.14 INVT
- 9.15 Slanvert
- 9.16 EURA Drives

10 GLOBAL VERIFIED FREQUENCY DRIVER (VFD) MARKET FORECAST (2018-2023)

- 10.1 Global Verified Frequency Driver (VFD) Sales, Revenue Forecast (2018-2023)
- 10.2 Global Verified Frequency Driver (VFD) Sales, Consumption Forecast by Regions (2018-2023)
 - 10.2.1 Global Verified Frequency Driver (VFD) Sales Forecast by Regions (2018-2023)
 - 10.2.2 Global Verified Frequency Driver (VFD) Sales Market Share Forecast by Regions (2018-2023)
- 10.3 Global Verified Frequency Driver (VFD) Sales and Market Share Forecast by Type (2018-2023)
 - 10.3.1 Global Verified Frequency Driver (VFD) Sales Forecast by Type (2018-2023)

10.3.2 Global Verified Frequency Driver (VFD) Sales Market Share Forecast by Type (2018-2023)

10.4 Global Verified Frequency Driver (VFD) Sales and Market Share Forecast by Application (2018-2023)

10.4.1 Global Verified Frequency Driver (VFD) Sales Forecast by Application (2018-2023)

10.4.2 Global Verified Frequency Driver (VFD) Sales Market Share Forecast by Application (2018-2023)

10.5 Verified Frequency Driver (VFD) Price Forecast (2018-2023)

11 VERIFIED FREQUENCY DRIVER (VFD) MANUFACTURING COST ANALYSIS

11.1 Verified Frequency Driver (VFD) Key Raw Materials Analysis

11.1.1 Key Raw Materials

11.1.2 Price Trend of Key Raw Materials

11.1.3 Key Suppliers of Raw Materials

11.1.4 Market Concentration Rate of Raw Materials

11.2 Proportion of Manufacturing Cost Structure

11.2.1 Raw Materials

11.2.2 Labor Cost

11.2.3 Manufacturing Expenses

11.3 Manufacturing Process Analysis of Verified Frequency Driver (VFD)

12 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

12.1 Verified Frequency Driver (VFD) Industrial Chain Analysis

12.2 Upstream Raw Materials Sourcing

12.3 Raw Materials Sources of Verified Frequency Driver (VFD) Major Players in 2017

12.4 Downstream Buyers

13 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

13.1 Marketing Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.1.3 Marketing Channel Development Trend

13.2 Market Positioning

13.2.1 Pricing Strategy

13.2.2 Brand Strategy

13.2.3 Target Client

13.3 Distributors/Traders List

14 MARKET EFFECT FACTORS ANALYSIS

14.1 Technology Progress/Risk

14.1.1 Substitutes Threat

14.1.2 Technology Progress in Related Industry

14.2 Consumer Needs/Customer Preference Change

14.3 Economic/Political Environmental Change

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

- Figure Picture of Verified Frequency Driver (VFD)
- Table Product Specifications of Verified Frequency Driver (VFD)
- Figure Global Sales Market Share of Verified Frequency Driver (VFD) by Types in 2017
- Figure Product Picture of Low Voltage (0-690V)
- Table Major Players of Low Voltage (0-690V)
- Figure Product Picture of Medium Voltage (690V-3000V)
- Table Major Players of Medium Voltage (690V-3000V)
- Figure Product Picture of High Voltage (3 kV-10 kV)
- Table Major Players of High Voltage (3 kV-10 kV)
- Figure Verified Frequency Driver (VFD) Sales Market Share by Applications in 2017
- Table Applications of Verified Frequency Driver (VFD)
- Figure Fans Examples
- Figure Compressors Examples
- Figure Conveyors Examples
- Figure Elevators Examples
- Figure Extruders Examples
- Figure Others Examples
- Figure North America Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
- Figure Asia-Pacific Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
- Figure Europe Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
- Figure South America Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
- Figure Middle East and Africa Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
- Figure Global Verified Frequency Driver (VFD) Revenue (Million USD) and Growth Rate (2013-2023)
- Table Global Verified Frequency Driver (VFD) Sales by Players in 2016 and 2017
- Table Global Verified Frequency Driver (VFD) Sales Market Share (%) by Players in 2016 and 2017
- Figure Global Verified Frequency Driver (VFD) Sales Market Share by Players in 2016
- Figure Global Verified Frequency Driver (VFD) Sales Market Share by Players in 2017
- Table Global Verified Frequency Driver (VFD) Revenue by Players in 2016 and 2017

Table Global Verified Frequency Driver (VFD) Revenue Market Share (%) by Players in 2016 and 2017

Figure Global Verified Frequency Driver (VFD) Revenue Market Share by Players in 2016

Figure Global Verified Frequency Driver (VFD) Revenue Market Share by Players in 2017

Table Global Verified Frequency Driver (VFD) Average Price by Players in 2016 and 2017

Figure Global Verified Frequency Driver (VFD) Average Price by Players in 2017

Table Global Verified Frequency Driver (VFD) Manufacturing Base Distribution and Sales Area by Players

Table Players Verified Frequency Driver (VFD) Product Types

Figure Verified Frequency Driver (VFD) Market Share of Top 3 Players

Figure Verified Frequency Driver (VFD) Market Share of Top 5 Players

Table Global Verified Frequency Driver (VFD) Sales by Regions (2013-2018)

Table Global Verified Frequency Driver (VFD) Sales Market Share by Regions (2013-2018)

Figure Global Verified Frequency Driver (VFD) Sales Market Share by Regions (2013-2018)

Figure Global Verified Frequency Driver (VFD) Sales Market Share by Regions in 2017

Table Global Verified Frequency Driver (VFD) Revenue by Regions (2013-2018)

Table Global Verified Frequency Driver (VFD) Revenue Market Share by Regions (2013-2018)

Figure Global Verified Frequency Driver (VFD) Revenue Market Share by Regions (2013-2018)

Figure Global Verified Frequency Driver (VFD) Revenue Market Share by Regions in 2017

Table Global Verified Frequency Driver (VFD) Sales by Type (2013-2018)

Table Global Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Figure Global Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Figure Global Verified Frequency Driver (VFD) Sales Market Share by Type in 2017

Table Global Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

Table Global Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Figure Global Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Figure Global Verified Frequency Driver (VFD) Revenue Market Share by Type in 2017

Table Global Verified Frequency Driver (VFD) Price by Type (2013-2018)

Table Global Verified Frequency Driver (VFD) Sales by Application (2013-2018)

Figure Global Verified Frequency Driver (VFD) Sales Market Share by Application in 2017

Table Global Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Figure Global Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Table Global Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Table North America Top 5 Players Verified Frequency Driver (VFD) Sales in 2016 and 2017

Table North America Top 5 Players Verified Frequency Driver (VFD) Sales Market Share (%) in 2016 and 2017

Figure North America Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2016

Figure North America Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2017

Table North America Top 5 Players Verified Frequency Driver (VFD) Revenue in 2016 and 2017

Table North America Top 5 Players Verified Frequency Driver (VFD) Revenue Market Share (%) in 2016 and 2017

Figure North America Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2016

Figure North America Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2017

Table North America Verified Frequency Driver (VFD) Sales by Type (2013-2018)

Figure 2017 North America Verified Frequency Driver (VFD) Sales Market Share by Type

Table North America Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Figure North America Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Table North America Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

Figure North America Verified Frequency Driver (VFD) Revenue Market Share by Type in 2017

Table North America Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Figure North America Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Table North America Verified Frequency Driver (VFD) Price by Type (2013-2018)
Table North America Verified Frequency Driver (VFD) Sales by Application (2013-2018)
Figure North America Verified Frequency Driver (VFD) Sales by Application in 2017
Table North America Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)
Figure North America Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)
Table North America Verified Frequency Driver (VFD) Sales by Country (2013-2018)
Figure 2017 North America Verified Frequency Driver (VFD) Sales Market Share by Country
Table North America Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)
Figure North America Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)
Table North America Verified Frequency Driver (VFD) Import & Export (2013-2018)
Table Europe Top 5 Players Verified Frequency Driver (VFD) Sales in 2016 and 2017
Table Europe Top 5 Players Verified Frequency Driver (VFD) Sales Market Share (%) in 2016 and 2017
Figure Europe Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2016
Figure Europe Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2017
Table Europe Top 5 Players Verified Frequency Driver (VFD) Revenue in 2016 and 2017
Table Europe Top 5 Players Verified Frequency Driver (VFD) Revenue Market Share (%) in 2016 and 2017
Figure Europe Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2016
Figure Europe Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2017
Table Europe Verified Frequency Driver (VFD) Sales by Type (2013-2018)
Figure 2017 Europe Verified Frequency Driver (VFD) Sales Market Share by Type
Table Europe Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)
Figure Europe Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)
Table Europe Verified Frequency Driver (VFD) Revenue by Type (2013-2018)
Figure Europe Verified Frequency Driver (VFD) Revenue Market Share by Type in 2017
Table Europe Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)
Figure Europe Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)
Table Europe Verified Frequency Driver (VFD) Price by Type (2013-2018)

Table Europe Verified Frequency Driver (VFD) Sales by Application (2013-2018)
Figure Europe Verified Frequency Driver (VFD) Sales Market Share by Application in 2017

Table Europe Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Figure Europe Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Table Europe Verified Frequency Driver (VFD) Sales by Country (2013-2018)

Figure Europe Verified Frequency Driver (VFD) Sales Market Share by Country in 2017

Table Europe Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Figure Europe Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Table Europe Verified Frequency Driver (VFD) Import & Export (2013-2018)

Table Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Sales in 2016 and 2017

Table Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Sales Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2016

Figure Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2017

Table Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Revenue in 2016 and 2017

Table Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Revenue Market Share (%) in 2016 and 2017

Figure Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2016

Figure Asia-Pacific Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2017

Table Asia-Pacific Verified Frequency Driver (VFD) Sales by Type (2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Type in 2017

Table Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Table Asia-Pacific Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

Table Asia-Pacific Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Revenue Market Share by Type

(2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Revenue Market Share by Type in 2017

Table Asia-Pacific Verified Frequency Driver (VFD) Price by Type (2013-2018)

Table Asia-Pacific Verified Frequency Driver (VFD) Sales by Application (2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Sales by Application in 2017

Table Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Table Asia-Pacific Verified Frequency Driver (VFD) Sales by Country (2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Country in 2017

Table Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Figure Asia-Pacific Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Table Asia-Pacific Verified Frequency Driver (VFD) Import & Export (2013-2018)

Table South America Top 5 Players Verified Frequency Driver (VFD) Sales in 2016 and 2017

Table South America Top 5 Players Verified Frequency Driver (VFD) Sales Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2016

Figure South America Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2017

Table South America Top 5 Players Verified Frequency Driver (VFD) Revenue in 2016 and 2017

Table South America Top 5 Players Verified Frequency Driver (VFD) Revenue Market Share (%) in 2016 and 2017

Figure South America Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2016

Figure South America Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2017

Table South America Verified Frequency Driver (VFD) Sales by Type (2013-2018)

Figure South America Verified Frequency Driver (VFD) Sales by Type in 2017

Table South America Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Figure South America Verified Frequency Driver (VFD) Sales Market Share by Type

(2013-2018)

Table South America Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

Figure South America Verified Frequency Driver (VFD) Revenue by Type in 2017

Table South America Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Figure South America Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Table South America Verified Frequency Driver (VFD) Price by Type (2013-2018)

Table South America Verified Frequency Driver (VFD) Sales by Application (2013-2018)

Figure South America Verified Frequency Driver (VFD) Sales by Application in 2017

Table South America Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Figure South America Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Table South America Verified Frequency Driver (VFD) Sales by Country (2013-2018)

Figure South America Verified Frequency Driver (VFD) Sales by Country in 2017

Table South America Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Figure South America Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Table South America Verified Frequency Driver (VFD) Import & Export (2013-2018)

Table Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Sales in 2016 and 2017

Table Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Sales Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2016

Figure Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Sales Share in 2017

Table Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Revenue in 2016 and 2017

Table Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Revenue Market Share (%) in 2016 and 2017

Figure Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2016

Figure Middle East & Africa Top 5 Players Verified Frequency Driver (VFD) Revenue Share in 2017

Table Middle East & Africa Verified Frequency Driver (VFD) Sales by Type (2013-2018)

Figure Middle East & Africa Verified Frequency Driver (VFD) Sales by Type in 2017

Table Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Figure Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Type (2013-2018)

Table Middle East & Africa Verified Frequency Driver (VFD) Revenue by Type (2013-2018)

Figure Middle East & Africa Verified Frequency Driver (VFD) Revenue by Type in 2017

Table Middle East & Africa Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Figure Middle East & Africa Verified Frequency Driver (VFD) Revenue Market Share by Type (2013-2018)

Table Middle East & Africa Verified Frequency Driver (VFD) Price by Type (2013-2018)

Table Middle East & Africa Verified Frequency Driver (VFD) Sales by Application (2013-2018)

Figure Middle East & Africa Verified Frequency Driver (VFD) Sales by Application in 2017

Figure Middle East & Africa Verified Frequency Driver (VFD) Sales by Country in 2017

Figure Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Application (2013-2018)

Table Middle East & Africa Verified Frequency Driver (VFD) Sales by Country (2013-2018)

Figure Middle East & Africa Verified Frequency Driver (VFD) Sales by Country in 2017

Table Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Figure Middle East & Africa Verified Frequency Driver (VFD) Sales Market Share by Country (2013-2018)

Table Middle East & Africa Verified Frequency Driver (VFD) Import & Export (2013-2018)

Table ABB Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table ABB Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure ABB Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Siemens AG Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Siemens AG Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Siemens AG Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Schneider Electric Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Schneider Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Schneider Electric Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Emerson Electric Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Emerson Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Emerson Electric Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Yaskawa Electric Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Yaskawa Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Yaskawa Electric Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Mitsubishi Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Mitsubishi Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Mitsubishi Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Hitachi Ltd. Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Hitachi Ltd. Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Hitachi Ltd. Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Danfoss Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Danfoss Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Danfoss Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Toshiba Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Toshiba Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Toshiba Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Fuji Electric Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Fuji Electric Verified Frequency Driver (VFD) Sales, Revenue, Price and Gross Margin (2013-2018)

Figure Fuji Electric Verified Frequency Driver (VFD) Market Share (2013-2018)

Table Rockwell Automation Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Inovance Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Hiconics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table INVT Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Slanvert Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table EURA Drives Basic Information, Manufacturing Base, Sales Area and Its Competitors

Figure Global Verified Frequency Driver (VFD) Sales and Growth Rate Forecast (2018-2023)

Figure Global Verified Frequency Driver (VFD) Revenue and Growth Rate Forecast (2018-2023)

Table Global Verified Frequency Driver (VFD) Sales Forecast by Regions (2018-2023)

Table Global Verified Frequency Driver (VFD) Sales Market Share Forecast by Regions (2018-2023)

Table Global Verified Frequency Driver (VFD) Sales Forecast by Type (2018-2023)

Table Global Verified Frequency Driver (VFD) Sales Market Share Forecast by Type (2018-2023)

Table Global Verified Frequency Driver (VFD) Sales Forecast by Application (2018-2023)

Table Global Verified Frequency Driver (VFD) Sales Market Share Forecast by Application (2018-2023)

Table Sales 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 Verified Frequency Driver (VFD)

Figure Manufacturing Process Analysis of Verified Frequency Driver (VFD)

Figure Verified Frequency Driver (VFD) Industrial Chain Analysis

Table Raw Materials Sources of Verified Frequency Driver (VFD) Major Players in 2017

Table Major Buyers of Verified Frequency Driver (VFD)

Table Distributors/Traders List

I would like to order

Product name: 2018 Top 5 Verified Frequency Driver (VFD) Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

Product link: <https://marketpublishers.com/r/25FBEC2CFD0EN.html>

Price: US\$ 4,960.00 (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/25FBEC2CFD0EN.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

