

Global Direct Methanol Fuel Cell (DMFC) Market  
2017 - Production, Sales, Supply, Demand,  
Analysis & Forecast to 2021

<http://www.mrsresearchgroup.com/market-analysis/global-direct-methanol-fuel-cell-dmfc-market-2017.html>

This report studies the global Direct Methanol Fuel Cell (DMFC) market status and forecast, categorizes the global Direct Methanol Fuel Cell (DMFC) market size (value & volume) by key players, type, application, and region. This report focuses on the top players in North America, Europe, China, Japan, Southeast Asia India and Other regions (Middle East & Africa, Central & South America).

The direct methanol fuel cell (DMFC) is a relatively recent addition to the suite of fuel cell technologies; it was invented and developed in the 1990s by researchers at several institutions in the United States, including NASA and the Jet Propulsion Laboratory. During decades of research, especially around 2010, many high tech companies like NEC, UltraCell they all have dedicated a large mass of R&D source into DMFC, and they all exhibited their prototype of their own DMFC. But as the fact, there are only two companies focus on commercial productions. This report only study the DMFC market will full-time commercial production participants. DMFCs can be seen as one of the most prominent fuel cell technology to be used as a generator and production device in small portable applications due to its high energy storage density fuel, fast refuelling and capability to refuel during operation.

The Direct Methanol Fuel Cell (DMFC) is a subset of the Proton Exchange Membrane (PEM) fuel cell technology. PEM fuel cells have a number of features and advantages that ensure their usage in a variety of power applications including portable and transportation systems to large-scale stationary power systems for buildings and distributed generation. The commercialization of DMFC-systems is driven by consumer demands and desires for secure and reliable power sources that operate alone or as a hybrid energy system combining the fuel cell technology with existing advanced battery technologies.

At present, in developed countries, the Direct Methanol Fuel Cell industry is generally at a more advanced level. The world's large enterprises are mainly concentrated in USA and Europe. The DMFC market is monopolized by SFC Energy AG and Oorja Protonics. There are other company like Fujikura, Hitachi, Ltd, Toshiba, Sony, MTI Micro Fuel Cells Inc, NEC Corp, Neah Power Systems which are under developing in the industry but no mass production.

The global Direct Methanol Fuel Cell (DMFC) market is valued at 100 million US\$ in 2017 and will reach 160 million US\$ by the end of 2025, growing at a CAGR of 7.1% during 2018-2025.

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



The major players covered in this report

SFC Energy AG

Oorja Protonics

...

Geographically, this report studies the key regions, focuses on product sales, value, market share and growth opportunity in these regions, covering

United States

Europe

China

Japan

Southeast Asia

India

We can also provide the customized separate regional or country-level reports, for the following regions:

North America

United States

Canada

Mexico

Asia-Pacific

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



China

India

Japan

South Korea

Australia

Indonesia

Singapore

Rest of Asia-Pacific

Europe

Germany

France

UK

Italy

Spain

Russia

Rest of Europe

Central & South America

Brazil

Argentina

Rest of South America

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



mrsresearchgroup.com  
sales@mrsresearchgroup.com

Middle East & Africa

Saudi Arabia

Turkey

Rest of Middle East & Africa

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

<1 KW

1 KW-5 KW

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Defense&Security

Mobility&Industrial Application

Leisure

Materials Handling Equipment

Telecommunications

Other

The study objectives of this report are:

To analyze and study the global Direct Methanol Fuel Cell (DMFC) sales, value, status (2013-2017) and forecast (2018-2025);

To analyze the top players in North America, Europe, China, Japan, Southeast

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



Asia and India, to study the sales, value and market share of top players in these regions.

Focuses on the key Direct Methanol Fuel Cell (DMFC) players, to study the sales, value, market share and development plans in future.

Focuses on the global key manufacturers, to define, describe and analyze the market competition landscape, SWOT analysis.

To define, describe and forecast the market by type, application and region.

To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints and risks.

To identify significant trends and factors driving or inhibiting the market growth.

To analyze the opportunities in the market for stakeholders by identifying the high growth segments.

To strategically analyze each submarket with respect to individual growth trend and their contribution to the market

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market

To strategically profile the key players and comprehensively analyze their growth strategies.

In this study, the years considered to estimate the market size of Direct Methanol Fuel Cell (DMFC) are as follows:

History Year: 2013-2017

Base Year: 2017

Estimated Year: 2018

Forecast Year 2018 to 2025

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



For the data information by region, company, type and application, 2017 is considered as the base year. Whenever data information was unavailable for the base year, the prior year has been considered.

#### Key Stakeholders

Direct Methanol Fuel Cell (DMFC) Manufacturers

Direct Methanol Fuel Cell (DMFC) Distributors/Traders/Wholesalers

Direct Methanol Fuel Cell (DMFC) Subcomponent Manufacturers

Industry Association

Downstream Vendors

#### Available Customizations

With the given market data, QYResearch offers customizations according to the company's specific needs. The following customization options are available for the report:

Regional and country-level analysis of the Direct Methanol Fuel Cell (DMFC) market, by end-use.

Detailed analysis and profiles of additional market players.

#### Table of Contents

Global Direct Methanol Fuel Cell (DMFC) Sales Market Report 2018

1 Direct Methanol Fuel Cell (DMFC) Market Overview

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



## 1.1 Product Overview and Scope of Direct Methanol Fuel Cell (DMFC)

## 1.2 Classification of Direct Methanol Fuel Cell (DMFC) by Product Category

### 1.2.1 Global Direct Methanol Fuel Cell (DMFC) Market Size (Sales) Comparison by Type (2013-2025)

### 1.2.2 Global Direct Methanol Fuel Cell (DMFC) Market Size (Sales) Market Share by Type (Product Category) in 2017

#### 1.2.3 <1 KW

#### 1.2.4 1 KW-5 KW

## 1.3 Global Direct Methanol Fuel Cell (DMFC) Market by Application/End Users

### 1.3.1 Global Direct Methanol Fuel Cell (DMFC) Sales (Volume) and Market Share Comparison by Application (2013-2025)

#### 1.3.1 Defense&Security

#### 1.3.2 Mobility&Industrial Application

#### 1.3.3 Leisure

#### 1.3.4 Materials Handling Equipment

#### 1.3.5 Telecommunications

#### 1.3.6 Other

## 1.4 Global Direct Methanol Fuel Cell (DMFC) Market by Region

### 1.4.1 Global Direct Methanol Fuel Cell (DMFC) Market Size (Value) Comparison by Region (2013-2025)

### 1.4.2 United States Direct Methanol Fuel Cell (DMFC) Status and Prospect (2013-2025)

### 1.4.3 Europe Direct Methanol Fuel Cell (DMFC) Status and Prospect (2013-2025)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



1.4.4 China Direct Methanol Fuel Cell (DMFC) Status and Prospect (2013-2025)

1.4.5 Japan Direct Methanol Fuel Cell (DMFC) Status and Prospect (2013-2025)

1.4.6 Southeast Asia Direct Methanol Fuel Cell (DMFC) Status and Prospect (2013-2025)

1.4.7 India Direct Methanol Fuel Cell (DMFC) Status and Prospect (2013-2025)

1.5 Global Market Size (Value and Volume) of Direct Methanol Fuel Cell (DMFC) (2013-2025)

1.5.1 Global Direct Methanol Fuel Cell (DMFC) Sales and Growth Rate (2013-2025)

1.5.2 Global Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate (2013-2025)

2 Global Direct Methanol Fuel Cell (DMFC) Competition by Players/Suppliers, Type and Application

2.1 Global Direct Methanol Fuel Cell (DMFC) Market Competition by Players/Suppliers

2.1.1 Global Direct Methanol Fuel Cell (DMFC) Sales and Market Share of Key Players/Suppliers (2013-2018)

2.1.2 Global Direct Methanol Fuel Cell (DMFC) Revenue and Share by Players/Suppliers (2013-2018)

2.2 Global Direct Methanol Fuel Cell (DMFC) (Volume and Value) by Type

2.2.1 Global Direct Methanol Fuel Cell (DMFC) Sales and Market Share by Type (2013-2018)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

2.2.2 Global Direct Methanol Fuel Cell (DMFC) Revenue and Market Share by Type (2013-2018)

2.3 Global Direct Methanol Fuel Cell (DMFC) (Volume and Value) by Region

2.3.1 Global Direct Methanol Fuel Cell (DMFC) Sales and Market Share by Region (2013-2018)

2.3.2 Global Direct Methanol Fuel Cell (DMFC) Revenue and Market Share by Region (2013-2018)

2.4 Global Direct Methanol Fuel Cell (DMFC) (Volume) by Application

3 United States Direct Methanol Fuel Cell (DMFC) (Volume, Value and Sales Price)

3.1 United States Direct Methanol Fuel Cell (DMFC) Sales and Value (2013-2018)

3.1.1 United States Direct Methanol Fuel Cell (DMFC) Sales and Growth Rate (2013-2018)

3.1.2 United States Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate (2013-2018)

3.1.3 United States Direct Methanol Fuel Cell (DMFC) Sales Price Trend (2013-2018)

3.2 United States Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Players (2013-2018)

3.3 United States Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Type (2013-2018)

3.4 United States Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Application (2013-2018)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



## 4 Europe Direct Methanol Fuel Cell (DMFC) (Volume, Value and Sales Price)

### 4.1 Europe Direct Methanol Fuel Cell (DMFC) Sales and Value (2013-2018)

#### 4.1.1 Europe Direct Methanol Fuel Cell (DMFC) Sales and Growth Rate (2013-2018)

#### 4.1.2 Europe Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate (2013-2018)

#### 4.1.3 Europe Direct Methanol Fuel Cell (DMFC) Sales Price Trend (2013-2018)

### 4.2 Europe Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Players (2013-2018)

### 4.3 Europe Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Type (2013-2018)

### 4.4 Europe Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Application (2013-2018)

## 5 China Direct Methanol Fuel Cell (DMFC) (Volume, Value and Sales Price)

### 5.1 China Direct Methanol Fuel Cell (DMFC) Sales and Value (2013-2018)

#### 5.1.1 China Direct Methanol Fuel Cell (DMFC) Sales and Growth Rate (2013-2018)

#### 5.1.2 China Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate (2013-2018)

#### 5.1.3 China Direct Methanol Fuel Cell (DMFC) Sales Price Trend (2013-2018)

### 5.2 China Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Players (2013-2018)

### 5.3 China Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

by Type (2013-2018)

5.4 China Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Application (2013-2018)

6 Japan Direct Methanol Fuel Cell (DMFC) (Volume, Value and Sales Price)

6.1 Japan Direct Methanol Fuel Cell (DMFC) Sales and Value (2013-2018)

6.1.1 Japan Direct Methanol Fuel Cell (DMFC) Sales and Growth Rate (2013-2018)

6.1.2 Japan Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate (2013-2018)

6.1.3 Japan Direct Methanol Fuel Cell (DMFC) Sales Price Trend (2013-2018)

6.2 Japan Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Players (2013-2018)

6.3 Japan Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Type (2013-2018)

6.4 Japan Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Application (2013-2018)

7 Southeast Asia Direct Methanol Fuel Cell (DMFC) (Volume, Value and Sales Price)

7.1 Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales and Value (2013-2018)

7.1.1 Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales and Growth Rate (2013-2018)

7.1.2 Southeast Asia Direct Methanol Fuel Cell (DMFC) Revenue and

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



Growth Rate (2013-2018)

7.1.3 Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Price Trend (2013-2018)

7.2 Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Players (2013-2018)

7.3 Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Type (2013-2018)

7.4 Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Application (2013-2018)

8 India Direct Methanol Fuel Cell (DMFC) (Volume, Value and Sales Price)

8.1 India Direct Methanol Fuel Cell (DMFC) Sales and Value (2013-2018)

8.1.1 India Direct Methanol Fuel Cell (DMFC) Sales and Growth Rate (2013-2018)

8.1.2 India Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate (2013-2018)

8.1.3 India Direct Methanol Fuel Cell (DMFC) Sales Price Trend (2013-2018)

8.2 India Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Players (2013-2018)

8.3 India Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Type (2013-2018)

8.4 India Direct Methanol Fuel Cell (DMFC) Sales Volume and Market Share by Application (2013-2018)

9 Global Direct Methanol Fuel Cell (DMFC) Players/Suppliers Profiles and Sales

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Data

## 9.1 SFC Energy AG

9.1.1 Company Basic Information, Manufacturing Base and Competitors

9.1.2 Direct Methanol Fuel Cell (DMFC) Product Category, Application and Specification

9.1.2.1 Product A

9.1.2.2 Product B

9.1.3 SFC Energy AG Direct Methanol Fuel Cell (DMFC) Sales, Revenue, Price and Gross Margin (2013-2018)

9.1.4 Main Business/Business Overview

## 9.2 Oorja Protonics

9.2.1 Company Basic Information, Manufacturing Base and Competitors

9.2.2 Direct Methanol Fuel Cell (DMFC) Product Category, Application and Specification

9.2.2.1 Product A

9.2.2.2 Product B

9.2.3 Oorja Protonics Direct Methanol Fuel Cell (DMFC) Sales, Revenue, Price and Gross Margin (2013-2018)

9.2.4 Main Business/Business Overview

...

## 10 Direct Methanol Fuel Cell (DMFC) Manufacturing Cost Analysis

10.1 Direct Methanol Fuel Cell (DMFC) Key Raw Materials Analysis

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



10.1.1 Key Raw Materials

10.1.2 Price Trend of Key Raw Materials

10.1.3 Key Suppliers of Raw Materials

10.1.4 Market Concentration Rate of Raw Materials

10.2 Proportion of Manufacturing Cost Structure

10.2.1 Raw Materials

10.2.2 Labor Cost

10.2.3 Manufacturing Process Analysis of Direct Methanol Fuel Cell (DMFC)

10.3 Manufacturing Process Analysis of Direct Methanol Fuel Cell (DMFC)

11 Industrial Chain, Sourcing Strategy and Downstream Buyers

11.1 Direct Methanol Fuel Cell (DMFC) Industrial Chain Analysis

11.2 Upstream Raw Materials Sourcing

11.3 Raw Materials Sources of Direct Methanol Fuel Cell (DMFC) Major Manufacturers in 2017

11.4 Downstream Buyers

12 Marketing Strategy Analysis, Distributors/Traders

12.1 Marketing Channel

12.1.1 Direct Marketing

12.1.2 Indirect Marketing

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



12.1.3 Marketing Channel Development Trend

12.2 Market Positioning

12.2.1 Pricing Strategy

12.2.2 Brand Strategy

12.2.3 Target Client

12.3 Distributors/Traders List

13 Market Effect Factors Analysis

13.1 Technology Progress/Risk

13.1.1 Substitutes Threat

13.1.2 Technology Progress in Related Industry

13.2 Consumer Needs/Customer Preference Change

13.3 Economic/Political Environmental Change

14 Global Direct Methanol Fuel Cell (DMFC) Market Forecast (2018-2025)

14.1 Global Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Price Forecast (2018-2025)

14.1.1 Global Direct Methanol Fuel Cell (DMFC) Sales Volume and Growth Rate Forecast (2018-2025)

14.1.2 Global Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate Forecast (2018-2025)

14.1.3 Global Direct Methanol Fuel Cell (DMFC) Price and Trend Forecast

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)





(2018-2025)

14.2 Global Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Growth Rate Forecast by Region (2018-2025)

14.2.1 Global Direct Methanol Fuel Cell (DMFC) Sales Volume and Growth Rate Forecast by Regions (2018-2025)

14.2.2 Global Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate Forecast by Regions (2018-2025)

14.2.3 United States Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.4 Europe Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.5 China Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.6 Japan Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.7 Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.2.8 India Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Growth Rate Forecast (2018-2025)

14.3 Global Direct Methanol Fuel Cell (DMFC) Sales Volume, Revenue and Price Forecast by Type (2018-2025)

14.3.1 Global Direct Methanol Fuel Cell (DMFC) Sales Forecast by Type (2018-2025)

14.3.2 Global Direct Methanol Fuel Cell (DMFC) Revenue Forecast by Type (2018-2025)

14.3.3 Global Direct Methanol Fuel Cell (DMFC) Price Forecast by Type (2018-2025)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

## 14.4 Global Direct Methanol Fuel Cell (DMFC) Sales Volume Forecast by Application (2018-2025)

## 15 Research Findings and Conclusion

## 16 Appendix

### 16.1 Methodology/Research Approach

#### 16.1.1 Research Programs/Design

#### 16.1.2 Market Size Estimation

#### 16.1.3 Market Breakdown and Data Triangulation

### 16.2 Data Source

#### 16.2.1 Secondary Sources

#### 16.2.2 Primary Sources

### 16.3 Disclaimer

## List of Tables and Figures

Figure Product Picture of Direct Methanol Fuel Cell (DMFC)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Volume Comparison (K Watts) by Type (2013-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type (Product Category) in 2017

Figure <1 KW Product Picture

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Figure 1 KW-5 KW Product Picture

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Comparison (K Watts) by Application (2013-2025)

Figure Global Sales Market Share of Direct Methanol Fuel Cell (DMFC) by Application in 2017

Figure Defense&Security Examples

Table Key Downstream Customer in Defense&Security

Figure Mobility&Industrial Application Examples

Table Key Downstream Customer in Mobility&Industrial Application

Figure Leisure Examples

Table Key Downstream Customer in Leisure

Figure Materials Handling Equipment Examples

Table Key Downstream Customer in Materials Handling Equipment

Figure Telecommunications Examples

Table Key Downstream Customer in Telecommunications

Figure Other Examples

Table Key Downstream Customer in Other

Figure Global Direct Methanol Fuel Cell (DMFC) Market Size (Million USD) by Regions (2013-2025)

Figure United States Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Europe Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2025)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Figure China Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Japan Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2025)

Figure India Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate (2013-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2025)

Figure Global Market Major Players Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Sales (K Watts) of Key Players/Suppliers (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Sales Share by Players/Suppliers (2013-2018)

Figure 2017 Direct Methanol Fuel Cell (DMFC) Sales Share by Players/Suppliers

Figure 2017 Direct Methanol Fuel Cell (DMFC) Sales Share by Players/Suppliers

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) by Players/Suppliers (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) by Players/Suppliers (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Revenue Share by Players/Suppliers (2013-2018)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Table 2017 Global Direct Methanol Fuel Cell (DMFC) Revenue Share by Players

Table 2017 Global Direct Methanol Fuel Cell (DMFC) Revenue Share by Players

Table Global Direct Methanol Fuel Cell (DMFC) Sales (K Watts) and Market Share by Type (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Sales Share (K Watts) by Type (2013-2018)

Figure Sales Market Share of Direct Methanol Fuel Cell (DMFC) by Type (2013-2018)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Growth Rate by Type (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Market Share by Type (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Revenue Share by Type (2013-2018)

Figure Revenue Market Share of Direct Methanol Fuel Cell (DMFC) by Type (2013-2018)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue Growth Rate by Type (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Market Share by Region (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Sales Share by Region (2013-2018)

Figure Sales Market Share of Direct Methanol Fuel Cell (DMFC) by Region (2013-2018)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Growth Rate by Region

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

in 2017

Table Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Market Share by Region (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Revenue Share (%) by Region (2013-2018)

Figure Revenue Market Share of Direct Methanol Fuel Cell (DMFC) by Region (2013-2018)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue Growth Rate by Region in 2017

Table Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Market Share by Region (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Revenue Share (%) by Region (2013-2018)

Figure Revenue Market Share of Direct Methanol Fuel Cell (DMFC) by Region (2013-2018)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue Market Share by Region in 2017

Table Global Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Market Share by Application (2013-2018)

Table Global Direct Methanol Fuel Cell (DMFC) Sales Share (%) by Application (2013-2018)

Figure Sales Market Share of Direct Methanol Fuel Cell (DMFC) by Application (2013-2018)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Market Share by Application (2013-2018)

Figure United States Direct Methanol Fuel Cell (DMFC) Sales (K Watts) and Growth Rate (2013-2018)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Figure United States Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2018)

Figure United States Direct Methanol Fuel Cell (DMFC) Sales Price (USD/Watts) Trend (2013-2018)

Table United States Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Players (2013-2018)

Table United States Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players (2013-2018)

Figure United States Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players in 2017

Table United States Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Type (2013-2018)

Table United States Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type (2013-2018)

Figure United States Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type in 2017

Table United States Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Application (2013-2018)

Table United States Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application (2013-2018)

Figure United States Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application in 2017

Figure Europe Direct Methanol Fuel Cell (DMFC) Sales (K Watts) and Growth Rate (2013-2018)

Figure Europe Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2018)

Figure Europe Direct Methanol Fuel Cell (DMFC) Sales Price (USD/Watts) Trend (2013-2018)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Table Europe Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Players (2013-2018)

Table Europe Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players (2013-2018)

Figure Europe Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players in 2017

Table Europe Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Type (2013-2018)

Table Europe Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type (2013-2018)

Figure Europe Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type in 2017

Table Europe Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Application (2013-2018)

Table Europe Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application (2013-2018)

Figure Europe Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application in 2017

Figure China Direct Methanol Fuel Cell (DMFC) Sales (K Watts) and Growth Rate (2013-2018)

Figure China Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2018)

Figure China Direct Methanol Fuel Cell (DMFC) Sales Price (USD/Watts) Trend (2013-2018)

Table China Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Players (2013-2018)

Table China Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



Players (2013-2018)

Figure China Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players in 2017

Table China Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Type (2013-2018)

Table China Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type (2013-2018)

Figure China Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type in 2017

Table China Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Application (2013-2018)

Table China Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application (2013-2018)

Figure China Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application in 2017

Figure Japan Direct Methanol Fuel Cell (DMFC) Sales (K Watts) and Growth Rate (2013-2018)

Figure Japan Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2018)

Figure Japan Direct Methanol Fuel Cell (DMFC) Sales Price (USD/Watts) Trend (2013-2018)

Table Japan Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Players (2013-2018)

Table Japan Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players (2013-2018)

Figure Japan Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players in 2017

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Table Japan Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Type (2013-2018)

Table Japan Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type (2013-2018)

Figure Japan Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type in 2017

Table Japan Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Application (2013-2018)

Table Japan Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application (2013-2018)

Figure Japan Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application in 2017

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales (K Watts) and Growth Rate (2013-2018)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2018)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Price (USD/Watts) Trend (2013-2018)

Table Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Players (2013-2018)

Table Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players (2013-2018)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players in 2017

Table Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Type (2013-2018)

Table Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type (2013-2018)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type in 2017

Table Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Application (2013-2018)

Table Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application (2013-2018)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application in 2017

Figure India Direct Methanol Fuel Cell (DMFC) Sales (K Watts) and Growth Rate (2013-2018)

Figure India Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate (2013-2018)

Figure India Direct Methanol Fuel Cell (DMFC) Sales Price (USD/Watts) Trend (2013-2018)

Table India Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Players (2013-2018)

Table India Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players (2013-2018)

Figure India Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Players in 2017

Table India Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by Type (2013-2018)

Table India Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type (2013-2018)

Figure India Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Type in 2017

Table India Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) by

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Application (2013-2018)

Table India Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application (2013-2018)

Figure India Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share by Application in 2017

Table SFC Energy AG Basic Information List

Table SFC Energy AG Direct Methanol Fuel Cell (DMFC) Sales (K Watts), Revenue (Million USD), Price (USD/Watts) and Gross Margin (2013-2018)

Figure SFC Energy AG Direct Methanol Fuel Cell (DMFC) Sales Growth Rate (2013-2018)

Figure SFC Energy AG Direct Methanol Fuel Cell (DMFC) Sales Global Market Share (2013-2018)

Figure SFC Energy AG Direct Methanol Fuel Cell (DMFC) Revenue Global Market Share (2013-2018)

Table Oorja Protonics Basic Information List

Table Oorja Protonics Direct Methanol Fuel Cell (DMFC) Sales (K Watts), Revenue (Million USD), Price (USD/Watts) and Gross Margin (2013-2018)

Figure Oorja Protonics Direct Methanol Fuel Cell (DMFC) Sales Growth Rate (2013-2018)

Figure Oorja Protonics Direct Methanol Fuel Cell (DMFC) Sales Global Market Share (2013-2018)

Figure Oorja Protonics Direct Methanol Fuel Cell (DMFC) Revenue Global Market Share (2013-2018)

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Figure Manufacturing Cost Structure of Direct Methanol Fuel Cell (DMFC)

Figure Manufacturing Process Analysis of Direct Methanol Fuel Cell (DMFC)

Figure Direct Methanol Fuel Cell (DMFC) Industrial Chain Analysis

Table Raw Materials Sources of Direct Methanol Fuel Cell (DMFC) Major Players in 2017

Table Major Buyers of Direct Methanol Fuel Cell (DMFC)

Table Distributors/Traders List

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate Forecast (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Price (USD/Watts) and Trend Forecast (2018-2025)

Table Global Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) Forecast by Regions (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share Forecast by Regions (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share Forecast by Regions in 2025

Table Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) Forecast by Regions (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue Market Share Forecast by Regions (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue Market Share Forecast by Regions in 2025

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Figure United States Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate Forecast (2018-2025)

Figure United States Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Europe Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate Forecast (2018-2025)

Figure Europe Direct Methanol Fuel Cell (DMFC) Revenue and Growth Rate Forecast (2018-2025)

Figure China Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate Forecast (2018-2025)

Figure China Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Japan Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate Forecast (2018-2025)

Figure Japan Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate Forecast (2018-2025)

Figure Southeast Asia Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Figure India Direct Methanol Fuel Cell (DMFC) Sales Volume (K Watts) and Growth Rate Forecast (2018-2025)

Figure India Direct Methanol Fuel Cell (DMFC) Revenue (Million USD) and Growth Rate Forecast (2018-2025)

Table Global Direct Methanol Fuel Cell (DMFC) Sales (K Watts) Forecast by Type (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Volume Market Share Forecast by Type (2018-2025)

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)

Table Global Direct Methanol Fuel Cell (DMFC) Revenue (Million USD)  
Forecast by Type (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Revenue Market Share  
Forecast by Type (2018-2025)

Table Global Direct Methanol Fuel Cell (DMFC) Price (USD/Watts) Forecast  
by Type (2018-2025)

Table Global Direct Methanol Fuel Cell (DMFC) Sales (K Watts) Forecast by  
Application (2018-2025)

Figure Global Direct Methanol Fuel Cell (DMFC) Sales Market Share Forecast  
by Application (2018-2025)

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

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales,  
Supply, Demand, Analysis & Forecast to 2021](#)



## Contact Us

Joel John

3422 SW 15 Street, Suit #8138,  
Deerfield Beach, Florida 33442,  
United States

**Tel:** +1-386-310-3803

**GMT Tel:** +49-322 210 92714

**USA/Canada Toll Free No.** 1-855-465-4651

**Email:** [sales@mrsresearchgroup.com](mailto:sales@mrsresearchgroup.com)

**Web:** <http://www.mrsresearchgroup.com>

MRS Research Group

[Global Direct Methanol Fuel Cell \(DMFC\) Market 2017 - Production, Sales, Supply, Demand, Analysis & Forecast to 2021](#)



[mrsresearchgroup.com](http://mrsresearchgroup.com)  
[sales@mrsresearchgroup.com](mailto:sales@mrsresearchgroup.com)