

# Global and Chinese Membrane Electrode Assemblies (MEA) for Fuel Cells Industry, 2018 Market Research Report

<https://marketpublishers.com/r/G344C35DD78PEN.html>

Date: November 2018

Pages: 136

Price: US\$ 3,000.00 (Single User License)

ID: G344C35DD78PEN

## Abstracts

The 'Global and Chinese Membrane Electrode Assemblies (MEA) for Fuel Cells Industry, 2013-2023 Market Research Report' is a professional and in-depth study on the current state of the global Membrane Electrode Assemblies (MEA) for Fuel Cells industry with a focus on the Chinese market. The report provides key statistics on the market status of the Membrane Electrode Assemblies (MEA) for Fuel Cells manufacturers and is a valuable source of guidance and direction for companies and individuals interested in the industry. Firstly, the report provides a basic overview of the industry including its definition, applications and manufacturing technology. Then, the report explores the international and Chinese major industry players in detail. The companies include: 3M, Dupont, Fuel Cells Etc, Freudenberg, Gore, Johnson Matthey, Ballard, Greenerity, Wuhan WUT, IRD Fuel Cells, Giner, HyPlat, Bing Energy, Yangtze Energy Technologies et al. In this part, the report presents the company profile, product specifications, capacity, production value, and 2013-2018 market shares for each company. Through the statistical analysis, the report depicts the global and Chinese total market of Membrane Electrode Assemblies (MEA) for Fuel Cells industry including capacity, production, production value, cost/profit, supply/demand and Chinese import/export. The total market is further divided by company, by country, and by application/type for the competitive landscape analysis. The report then estimates 2018-2023 market development trends of Membrane Electrode Assemblies (MEA) for Fuel Cells industry. Analysis of upstream raw materials, downstream demand, and current market dynamics is also carried out. In the end, the report makes some important proposals for a new project of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry before evaluating its feasibility. Overall, the report provides an in-depth insight of 2013-2023 global and Chinese Membrane Electrode Assemblies (MEA) for Fuel Cells industry covering all important parameters.

Any special requirements about this report, please let us know and we can provide custom report.

## Contents

### **CHAPTER ONE INTRODUCTION OF MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS INDUSTRY**

- 1.1 Brief Introduction of Membrane Electrode Assemblies (MEA) for Fuel Cells
- 1.2 Development of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry
- 1.3 Status of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry

### **CHAPTER TWO MANUFACTURING TECHNOLOGY OF MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS**

- 2.1 Development of Membrane Electrode Assemblies (MEA) for Fuel Cells Manufacturing Technology
- 2.2 Analysis of Membrane Electrode Assemblies (MEA) for Fuel Cells Manufacturing Technology
- 2.3 Trends of Membrane Electrode Assemblies (MEA) for Fuel Cells Manufacturing Technology

### **CHAPTER THREE ANALYSIS OF GLOBAL KEY MANUFACTURERS(3M, DUPONT, FUEL CELLS ETC, FREUDENBERG, GORE, JOHNSON MATTHEY, BALLARD, GREENERITY, WUHAN WUT, IRD FUEL CELLS, GINER, HYPLAT, BING ENERGY, YANGTZE ENERGY TECHNOLOGIES ET AL.)**

- 3.1 Company A
  - 3.1.1 Company Profile
  - 3.1.2 Product Information
  - 3.1.3 2013-2018 Production Information
  - 3.1.4 Contact Information
- 3.2 Company B
  - 3.2.1 Company Profile
  - 3.2.2 Product Information
  - 3.2.3 2013-2018 Production Information
  - 3.2.4 Contact Information
- 3.3 Company C
  - 3.2.1 Company Profile
  - 3.3.2 Product Information
  - 3.3.3 2013-2018 Production Information
  - 3.3.4 Contact Information

### 3.4 Company D

- 3.4.1 Company Profile
- 3.4.2 Product Information
- 3.4.3 2013-2018 Production Information
- 3.4.4 Contact Information

### 3.5 Company E

- 3.5.1 Company Profile
- 3.5.2 Product Information
- 3.5.3 2013-2018 Production Information
- 3.5.4 Contact Information

### 3.6 Company F

- 3.6.1 Company Profile
- 3.6.2 Product Information
- 3.5.3 2013-2018 Production Information
- 3.6.4 Contact Information

### 3.7 Company G

- 3.7.1 Company Profile
- 3.7.2 Product Information
- 3.7.3 2013-2018 Production Information
- 3.7.4 Contact Information

### 3.8 Company H

- 3.8.1 Company Profile
- 3.8.2 Product Information
- 3.8.3 2013-2018 Production Information
- 3.8.4 Contact Information

## **CHAPTER FOUR 2013-2018 GLOBAL AND CHINESE MARKET OF MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS**

4.1 2013-2018 Global Capacity, Production and Production Value of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry

4.2 2013-2018 Global Cost and Profit of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry

4.3 Market Comparison of Global and Chinese Membrane Electrode Assemblies (MEA) for Fuel Cells Industry

4.4 2013-2018 Global and Chinese Supply and Consumption of Membrane Electrode Assemblies (MEA) for Fuel Cells

4.5 2013-2018 Chinese Import and Export of Membrane Electrode Assemblies (MEA) for Fuel Cells

## **CHAPTER FIVE MARKET STATUS OF MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS INDUSTRY**

- 5.1 Market Competition of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry by Company
- 5.2 Market Competition of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry by Country (USA, EU, Japan, Chinese etc.)
- 5.3 Market Analysis of Membrane Electrode Assemblies (MEA) for Fuel Cells Consumption by Application/Type

## **CHAPTER SIX 2018-2023 MARKET FORECAST OF GLOBAL AND CHINESE MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS INDUSTRY**

- 6.1 2018-2023 Global and Chinese Capacity, Production, and Production Value of Membrane Electrode Assemblies (MEA) for Fuel Cells
- 6.2 2018-2023 Membrane Electrode Assemblies (MEA) for Fuel Cells Industry Cost and Profit Estimation
- 6.3 2018-2023 Global and Chinese Market Share of Membrane Electrode Assemblies (MEA) for Fuel Cells
- 6.4 2018-2023 Global and Chinese Supply and Consumption of Membrane Electrode Assemblies (MEA) for Fuel Cells
- 6.5 2018-2023 Chinese Import and Export of Membrane Electrode Assemblies (MEA) for Fuel Cells

## **CHAPTER SEVEN ANALYSIS OF MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS INDUSTRY CHAIN**

- 7.1 Industry Chain Structure
- 7.2 Upstream Raw Materials
- 7.3 Downstream Industry

## **CHAPTER EIGHT GLOBAL AND CHINESE ECONOMIC IMPACT ON MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS INDUSTRY**

- 8.1 Global and Chinese Macroeconomic Environment Analysis
  - 8.1.1 Global Macroeconomic Analysis
  - 8.1.2 Chinese Macroeconomic Analysis
- 8.2 Global and Chinese Macroeconomic Environment Development Trend

- 8.2.1 Global Macroeconomic Outlook
- 8.2.2 Chinese Macroeconomic Outlook
- 8.3 Effects to Membrane Electrode Assemblies (MEA) for Fuel Cells Industry

## **CHAPTER NINE MARKET DYNAMICS OF MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS INDUSTRY**

- 9.1 Membrane Electrode Assemblies (MEA) for Fuel Cells Industry News
- 9.2 Membrane Electrode Assemblies (MEA) for Fuel Cells Industry Development Challenges
- 9.3 Membrane Electrode Assemblies (MEA) for Fuel Cells Industry Development Opportunities

## **CHAPTER TEN PROPOSALS FOR NEW PROJECT**

- 10.1 Market Entry Strategies
- 10.2 Countermeasures of Economic Impact
- 10.3 Marketing Channels
- 10.4 Feasibility Studies of New Project Investment

## **CHAPTER ELEVEN RESEARCH CONCLUSIONS OF GLOBAL AND CHINESE MEMBRANE ELECTRODE ASSEMBLIES (MEA) FOR FUEL CELLS INDUSTRY**

## Tables & Figures

### TABLES AND FIGURES

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product Picture

Table Development of Membrane Electrode Assemblies (MEA) for Fuel Cells Manufacturing Technology

Figure Manufacturing Process of Membrane Electrode Assemblies (MEA) for Fuel Cells

Table Trends of Membrane Electrode Assemblies (MEA) for Fuel Cells Manufacturing Technology

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product Capacity, Production, and Production Value etc. List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production Global Market Share

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product Capacity, Production, and Production Value etc. List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production Global Market Share

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product Capacity Production Price Cost Production Value List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production Global Market Share

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product Capacity, Production, and Production Value etc. List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity

Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production  
Global Market Share

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and  
Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product  
Capacity Production Price Cost Production Value List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity  
Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production  
Global Market Share

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and  
Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product  
Capacity, Production, and Production Value etc. List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity  
Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production  
Global Market Share

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and  
Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product  
Capacity, Production, and Production Value etc. List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity  
Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production  
Global Market Share

Figure Membrane Electrode Assemblies (MEA) for Fuel Cells Product and  
Specifications

Table 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Product  
Capacity, Production, and Production Value etc. List

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity  
Production and Growth Rate

Figure 2013-2018 Membrane Electrode Assemblies (MEA) for Fuel Cells Production  
Global Market Share

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells  
Capacity List

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Capacity Share List



Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells  
Manufacturers Capacity Share

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Production List

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Production Share List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells  
Manufacturers Production Share

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells  
Capacity Production and Growth Rate

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Production Value List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells  
Production Value and Growth Rate

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Production Value Share List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells  
Manufacturers Production Value Share

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells  
Capacity Production Cost Profit and Gross Margin List

Figure 2013-2018 Chinese Share of Global Membrane Electrode Assemblies (MEA) for  
Fuel Cells Production

Table 2013-2018 Global Supply and Consumption of Membrane Electrode Assemblies  
(MEA) for Fuel Cells

Table 2013-2018 Import and Export of Membrane Electrode Assemblies (MEA) for Fuel  
Cells

Figure 2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Capacity Market Share

Figure 2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Production Market Share

Figure 2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Manufacturers Production Value Market Share

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Countries Capacity List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Countries Capacity

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key  
Countries Capacity Share List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key

Countries Capacity Share

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Production List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Production

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Production Share List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Production Share

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Consumption Volume List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Consumption Volume

Table 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Consumption Volume Share List

Figure 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Key Countries Consumption Volume Share

Figure 78 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Consumption Volume Market by Application

Table 89 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Consumption Volume Market Share List by Application

Figure 79 2013-2018 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Consumption Volume Market Share by Application

Table 90 2013-2018 Chinese Membrane Electrode Assemblies (MEA) for Fuel Cells Consumption Volume Market List by Application

Figure 80 2013-2018 Chinese Membrane Electrode Assemblies (MEA) for Fuel Cells Consumption Volume Market by Application

Figure 2018-2023 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity Production and Growth Rate

Figure 2018-2023 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Production Value and Growth Rate

Table 2018-2023 Global Membrane Electrode Assemblies (MEA) for Fuel Cells Capacity Production Cost Profit and Gross Margin List

Figure 2018-2023 Chinese Share of Global Membrane Electrode Assemblies (MEA) for Fuel Cells Production

Table 2018-2023 Global Supply and Consumption of Membrane Electrode Assemblies (MEA) for Fuel Cells

Table 2018-2023 Import and Export of Membrane Electrode Assemblies (MEA) for Fuel Cells

Figure Industry Chain Structure of Membrane Electrode Assemblies (MEA) for Fuel Cells Industry

Figure Production Cost Analysis of Membrane Electrode Assemblies (MEA) for Fuel Cells

Figure Downstream Analysis of Membrane Electrode Assemblies (MEA) for Fuel Cells

Table Growth of World output, 2013 ?C 2018, Annual Percentage Change

Figure Unemployment Rates in Selected Developed Countries, January 2008 ?C March 2015

Figure Nominal Effective Exchange Rate: Japan and Selected Emerging Economies, September 2013-March 2015

Figure 2013-2018 Chinese GDP and Growth Rates

Figure 2013-2018 Chinese CPI Changes

Figure 2013-2018 Chinese PMI Changes

Figure 2013-2018 Chinese Financial Revenue and Growth Rate

Figure 2013-2018 Chinese Total Fixed Asset Investment and Growth Rate

Figure 2018-2023 Chinese GDP and Growth Rates

Figure 2018-2023 Chinese CPI Changes

Table Economic Effects to Membrane Electrode Assemblies (MEA) for Fuel Cells Industry

Table Membrane Electrode Assemblies (MEA) for Fuel Cells Industry Development Challenges

Table Membrane Electrode Assemblies (MEA) for Fuel Cells Industry Development Opportunities

Figure Map of Chinese 33 Provinces and Administrative Regions

Table Selected Cities According to Industrial Orientation

Figure Chinese IPR Strategy

Table Brief Summary of Suggestions

Table New Membrane Electrode Assemblies (MEA) for Fuel Cells Project Feasibility Study

## I would like to order

Product name: Global and Chinese Membrane Electrode Assemblies (MEA) for Fuel Cells Industry, 2018 Market Research Report

Product link: <https://marketpublishers.com/r/G344C35DD78PEN.html>

Price: US\$ 3,000.00 (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/G344C35DD78PEN.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

