

# **Global Membrane Electrode Assemblies Market Study 2015-2025, by Segment (3-layer MEA, 5-layer MEA, Others), by Market (Hydrogen Fuel Cells, Methanol Fuel Cells 5-layer MEA, Others), by Company (3M, Dupont (Chemours), Gore)**

<https://marketpublishers.com/r/GF6807620F7EN.html>

Date: September 2018

Pages: 72

Price: US\$ 1,800.00 (Single User License)

ID: GF6807620F7EN

## **Abstracts**

### **SNAPSHOT**

The Membrane Electrode Assembly (MEA) is the core component of a fuel cell that helps produce the electrochemical reaction needed to separate electrons. On the anode side of the MEA, a fuel (hydrogen, methanol etc.) diffuses through the membrane and is met on the cathode end by an oxidant (oxygen or air) which bonds with the fuel and receives the electrons that were separated from the fuel. Catalysts on each side enable reactions and the membrane allows protons to pass through while keeping the gases separate. In this way cell potential is maintained and current is drawn from the cell producing electricity.

The global Membrane Electrode Assemblies market will reach xxx Million USD in 2018 and with a CAGR of xx% between 2019-2025.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

3-layer MEA

5-layer MEA

Others

#### Demand Coverage (Market Size & Forecast, Consumer Distribution):

Hydrogen Fuel Cells

Methanol Fuel Cells

Others

#### Company Coverage (Sales data, Main Products & Services etc.):

3M

Dupont (Chemours)

Gore

Johnson Matthey

Ballard

Greenerity

Wuhan WUT

IRD Fuel Cells

Giner

HyPlat

#### Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

## Contents

### **1 INDUSTRY OVERVIEW**

- 1.1 Membrane Electrode Assemblies Industry
  - 1.1.1 Overview
  - 1.1.2 Products of Major Companies
- 1.2 Market Segment
  - 1.2.1 Industry Chain
  - 1.2.2 Consumer Distribution
- 1.3 Price & Cost Overview

### **2 MEMBRANE ELECTRODE ASSEMBLIES MARKET BY TYPE**

- 2.1 By Type
  - 2.1.1 3-layer MEA
  - 2.1.2 5-layer MEA
  - 2.1.3 Others
- 2.2 Market Size by Type
- 2.3 Market Forecast by Type

### **3 GLOBAL MARKET DEMAND**

- 3.1 Segment Overview
  - 3.1.1 Hydrogen Fuel Cells
  - 3.1.2 Methanol Fuel Cells
  - 3.1.3 Others
- 3.2 Market Size by Demand
- 3.3 Market Forecast by Demand

### **4 MAJOR REGION MARKET**

- 4.1 Global Market Overview
  - 4.1.1 Market Size & Growth
  - 4.1.2 Market Forecast
- 4.2 Major Region
  - 4.2.1 Market Size & Growth
  - 4.2.2 Market Forecast

## **5 MAJOR COMPANIES LIST**

- 5.1 3M (Company Profile, Sales Data etc.)
- 5.2 Dupont (Chemours) (Company Profile, Sales Data etc.)
- 5.3 Gore (Company Profile, Sales Data etc.)
- 5.4 Johnson Matthey (Company Profile, Sales Data etc.)
- 5.5 Ballard (Company Profile, Sales Data etc.)
- 5.6 Greenerity (Company Profile, Sales Data etc.)
- 5.7 Wuhan WUT (Company Profile, Sales Data etc.)
- 5.8 IRD Fuel Cells (Company Profile, Sales Data etc.)
- 5.9 Giner (Company Profile, Sales Data etc.)
- 5.10 HyPlat (Company Profile, Sales Data etc.)

## **6 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Membrane Electrode Assemblies Market 2015-2018, by Type, in USD Million

Table Global Membrane Electrode Assemblies Market 2015-2018, by Type, in Volume

Table Global Membrane Electrode Assemblies Market Forecast 2019-2025, by Type, in USD Million

Table Global Membrane Electrode Assemblies Market Forecast 2019-2025, by Type, in Volume

Table 3M Overview List

Table Membrane Electrode Assemblies Business Operation of 3M (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Dupont (Chemours) Overview List

Table Membrane Electrode Assemblies Business Operation of Dupont (Chemours) (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Gore Overview List

Table Membrane Electrode Assemblies Business Operation of Gore (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Johnson Matthey Overview List

Table Membrane Electrode Assemblies Business Operation of Johnson Matthey (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Ballard Overview List

Table Membrane Electrode Assemblies Business Operation of Ballard (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Greenerity Overview List

Table Membrane Electrode Assemblies Business Operation of Greenerity (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Wuhan WUT Overview List

Table Membrane Electrode Assemblies Business Operation of Wuhan WUT (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table IRD Fuel Cells Overview List

Table Membrane Electrode Assemblies Business Operation of IRD Fuel Cells (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Giner Overview List

Table Membrane Electrode Assemblies Business Operation of Giner (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table HyPlat Overview List

Table Membrane Electrode Assemblies Business Operation of HyPlat (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## List Of Figures

### LIST OF FIGURES

Figure Global Membrane Electrode Assemblies Market Growth 2015-2018, by Type, in USD Million

Figure Global Membrane Electrode Assemblies Market Growth 2015-2018, by Type, in Volume



## I would like to order

Product name: Global Membrane Electrode Assemblies Market Study 2015-2025, by Segment (3-layer MEA, 5-layer MEA, Others), by Market (Hydrogen Fuel Cells, Methanol Fuel Cells, 5-layer MEA, Others), by Company (3M, Dupont (Chemours), Gore)

Product link: <https://marketpublishers.com/r/GF6807620F7EN.html>

Price: US\$ 1,800.00 (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/GF6807620F7EN.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