

# 2017-2022 Malaysia Membrane Electrode Assemblies Market Report (Status and Outlook)

<https://marketpublishers.com/r/2CA63ABF5FCEN.html>

Date: July 2017

Pages: 112

Price: US\$ 3,360.00 (Single User License)

ID: 2CA63ABF5FCEN

## Abstracts

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

The Membrane Electrode Assemblies market size will be XX million (USD) in 2022 in Malaysia, from the XX million (USD) in 2016, with a CAGR (Compound Annual Growth Rate) XX% from 2016 to 2022.

In Malaysia market, the top players include

3M

Dupont (Chemours)

Gore

Johnson Matthey

Ballard

Greenerity

Wuhan WUT

IRD Fuel Cells

Giner

## HyPlat

This report with sales, revenue and market share for each type, split by product types/category, covering

3-layer MEA

5-layer MEA

Other

This report focuses on sales, market share and growth rate of Membrane Electrode Assemblies in each application, split by applications/end use industries, covers

Hydrogen Fuel Cells

Methanol Fuel Cells

Others

## Contents

### **1 MEMBRANE ELECTRODE ASSEMBLIES MARKET OVERVIEW**

1.1 Product Overview and Scope of Membrane Electrode Assemblies

1.2 Membrane Electrode Assemblies Market Segment by Types

1.2.1 Malaysia Membrane Electrode Assemblies Sales Present Situation and Outlook by Types (2012-2022)

1.2.2 Malaysia Membrane Electrode Assemblies Sales Market Share by Types in 2016

1.2.3 3-layer MEA

1.2.4 5-layer MEA

Other

1.3 Malaysia Membrane Electrode Assemblies Market Segment by Applications/End Use Industries

1.3.1 Malaysia Membrane Electrode Assemblies Sales Present Situation and Outlook by Applications/End Industrials (2012-2022)

1.3.2 Malaysia Membrane Electrode Assemblies Sales Market Share by Applications/End Industrials in 2016

1.3.3 Hydrogen Fuel Cells

1.3.4 Methanol Fuel Cells

Others

1.4 Malaysia Membrane Electrode Assemblies Overview and Market Size (Value) (2012-2022)

1.4.1 Malaysia Market Membrane Electrode Assemblies Overview

1.4.2 Malaysia Membrane Electrode Assemblies Market Size (Value and Volume) Status and Forecast (2012-2022)

### **2 MALAYSIA MEMBRANE ELECTRODE ASSEMBLIES SALES, REVENUE (VALUE) AND MARKET SHARE BY PLAYERS/MANUFACTURERS**

2.1 Malaysia Membrane Electrode Assemblies Sales and Market Share (2012-2017) by Vendors/Manufacturers

2.2 Malaysia Membrane Electrode Assemblies Revenue and Market Share by Vendors (2012-2017)

2.3 Malaysia Membrane Electrode Assemblies Average Price by Vendors in 2016

2.4 Malaysia Membrane Electrode Assemblies Manufacturing Base Distribution, Sales Area, Product Types by Vendors

2.5 Membrane Electrode Assemblies Market Competitive Situation and Trends

2.5.1 Membrane Electrode Assemblies Market Concentration Rate

2.5.2 Membrane Electrode Assemblies Market Share of Top 3 and Top 5 Vendors

2.5.3 Mergers & Acquisitions, Expansion

### **3 MALAYSIA MEMBRANE ELECTRODE ASSEMBLIES SALES, REVENUE (VALUE) BY TYPE AND APPLICATION (2012-2017)**

3.1 Malaysia Membrane Electrode Assemblies Sales, Revenue, Market Share and Price by Type (2012-2017)

3.1.1 Malaysia Membrane Electrode Assemblies Sales and Market Share by Type (2012-2017)

3.1.2 Malaysia Membrane Electrode Assemblies Revenue and Market Share by Type (2012-2017)

3.1.3 Malaysia Membrane Electrode Assemblies Price by Type (2012-2017)

3.2 Malaysia Membrane Electrode Assemblies Sales and Market Share by Application (2012-2017)

3.3 Malaysia Market Membrane Electrode Assemblies Sales, Revenue (Million USD), Price and Gross Margin (2012-2017)

### **4 MALAYSIA MEMBRANE ELECTRODE ASSEMBLIES VENDORS/MANUFACTURERS PROFILES AND SALES DATA**

4.1 3M

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

4.1.2 Membrane Electrode Assemblies Product Types, Application and Specification

4.1.2.1 Type

4.1.2.2 Type

4.1.3 3M Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

4.1.4 Main Business/Business Overview

4.2 Dupont (Chemours)

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

4.2.2 Membrane Electrode Assemblies Product Types, Application and Specification

4.2.2.1 Type

4.2.2.2 Type

4.2.3 Dupont (Chemours) Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

4.2.4 Main Business/Business Overview

#### 4.3 Gore

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

4.3.2 Membrane Electrode Assemblies Product Types, Application and Specification

4.3.2.1 Type

4.3.2.2 Type

4.3.3 Gore Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

4.3.4 Main Business/Business Overview

#### 4.4 Johnson Matthey

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

4.4.2 Membrane Electrode Assemblies Product Types, Application and Specification

4.4.2.1 Type

4.4.2.2 Type

4.4.3 Johnson Matthey Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

4.4.4 Main Business/Business Overview

#### 4.5 Ballard

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

4.5.2 Membrane Electrode Assemblies Product Types, Application and Specification

4.5.2.1 Type

4.5.2.2 Type

4.5.3 Ballard Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

4.5.4 Main Business/Business Overview

#### 4.6 Greenerity

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

4.6.2 Membrane Electrode Assemblies Product Types, Application and Specification

4.6.2.1 Type

4.6.2.2 Type

4.6.3 Greenerity Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

4.6.4 Main Business/Business Overview

#### 4.7 Wuhan WUT

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

- 4.7.2 Membrane Electrode Assemblies Product Types, Application and Specification
  - 4.7.2.1 Type
  - 4.7.2.2 Type
- 4.7.3 Wuhan WUT Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)
- 4.7.4 Main Business/Business Overview
- 4.8 IRD Fuel Cells
  - 4.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 4.8.2 Membrane Electrode Assemblies Product Types, Application and Specification
    - 4.8.2.1 Type
    - 4.8.2.2 Type
  - 4.8.3 IRD Fuel Cells Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)
  - 4.8.4 Main Business/Business Overview
- 4.9 Giner
  - 4.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 4.9.2 Membrane Electrode Assemblies Product Types, Application and Specification
    - 9.9.2.1 Type
    - 9.9.2.2 Type
  - 4.9.3 Giner Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)
  - 4.9.4 Main Business/Business Overview
- 4.10 HyPlat
  - 4.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 4.10.2 Membrane Electrode Assemblies Product Types, Application and Specification
    - 4.10.2.1 Type
    - 4.10.2.2 Type
  - 4.10.3 HyPlat Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)
  - 4.10.4 Main Business/Business Overview

## **5 PRODUCTION COST ANALYSIS OF MEMBRANE ELECTRODE ASSEMBLIES**

- 5.1 Main Raw Materials of Membrane Electrode Assemblies
  - 5.1.1 List of Membrane Electrode Assemblies Main Raw Materials
  - 5.1.2 Membrane Electrode Assemblies Main Raw Materials Price Analysis

5.1.3 Membrane Electrode Assemblies Raw Materials Major Suppliers

5.1.4 Membrane Electrode Assemblies Main Raw Materials Market Concentration

Rate

5.2 Production Cost Structure of Membrane Electrode Assemblies

5.2.1 Raw Materials

5.2.2 Labor Cost

5.2.3 Production Expenses

5.3 Membrane Electrode Assemblies Manufacturing Process/Method

## **6 VALUE CHAIN, PURCHASING STRATEGY AND DOWNSTREAM BUYERS**

6.1 Membrane Electrode Assemblies Value Chain Analysis

6.2 Upstream Raw Materials Purchasing

6.3 Raw Materials Sources of Membrane Electrode Assemblies Major Vendors in 2016

6.4 Downstream Buyers

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

7.1 Sales Channel

7.1.1 Direct Sales

7.1.2 Indirect Sales

7.1.3 Sales Channel Development Trend

7.2 Product Market Positioning

7.2.1 Pricing Strategy

7.2.2 Brand Strategy

7.2.3 Target Client

7.3 Membrane Electrode Assemblies Distributors/Traders List in Malaysia

## **8 MARKET INFLUENCES FACTORS ANALYSIS**

8.1 Changes from the Related Industries

8.2 Substitutes Threat

8.3 Customer Preference Change

8.4 Economic/Political Environmental Change

8.5 Upstream and Downstream Fluctuation

## **9 MALAYSIA MEMBRANE ELECTRODE ASSEMBLIES MARKET FORECAST (2017-2022)**

## 9.1 Malaysia Membrane Electrode Assemblies Sales, Revenue and Price Forecast (2017-2022)

### 9.1.1 Malaysia Membrane Electrode Assemblies Sales and Growth Rate Forecast (2017-2022)

### 9.1.2 Malaysia Membrane Electrode Assemblies Revenue and Growth Rate Forecast (2017-2022)

### 9.1.3 Malaysia Membrane Electrode Assemblies Price Trend Forecast (2017-2022)

## 9.2 Malaysia Membrane Electrode Assemblies Sales Forecast by Type (2017-2022)

## 9.3 Malaysia Membrane Electrode Assemblies Sales Forecast by Application (2017-2022)

# 10 RESEARCH FINDINGS AND CONCLUSION

# 11 APPENDIX

## 11.1 Methodology

## 11.2 Data Source



## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of Membrane Electrode Assemblies

Table Product Specifications of Membrane Electrode Assemblies

Figure Malaysia Membrane Electrode Assemblies Sales (volume) for Each Type (2012-2022)

Figure Malaysia Membrane Electrode Assemblies Sales Market Share by Types in 2016

Table Types of Membrane Electrode Assemblies

Figure Product Picture of 3-layer MEA

Table Major Players of 3-layer MEA

Figure Product Picture of 5-layer MEA

Table Major Players of 5-layer MEA

Figure Product Picture of Other

Table Major Players of Other

Figure Malaysia Membrane Electrode Assemblies Sales Present Situation and Outlook by Applications (2012-2022)

Figure Malaysia Membrane Electrode Assemblies Sales Market Share by Applications/End Industrials in 2016

Table Applications of Membrane Electrode Assemblies

Figure Hydrogen Fuel Cells Examples

Figure Methanol Fuel Cells Examples

Figure Others Examples

Figure Malaysia Membrane Electrode Assemblies Revenue (Million USD) Status and Forecast (2012-2022)

Figure Malaysia Membrane Electrode Assemblies Sales (Volume) Status and Forecast (2012-2022)

Table Malaysia Membrane Electrode Assemblies Sales by Vendors (2012-2017)

Table Malaysia Membrane Electrode Assemblies Sales Market Share (%) by Vendors (2012-2017)

Figure Malaysia Membrane Electrode Assemblies Sales Share by Vendors in 2016

Figure Malaysia Membrane Electrode Assemblies Sales Share by Vendors in 2017

Table Malaysia Membrane Electrode Assemblies Revenue (Million USD) by Vendors (2012-2017)

Table Malaysia Membrane Electrode Assemblies Revenue Market Share (%) by Vendors (2012-2017)

Figure Malaysia Membrane Electrode Assemblies Revenue Share by Vendors in 2016

Figure Malaysia Membrane Electrode Assemblies Revenue Share by Vendors in 2017

Figure Malaysia Membrane Electrode Assemblies Average Price by Vendors in 2016  
Table Malaysia Membrane Electrode Assemblies Manufacturing Base Distribution and Sales Area by Vendors  
Table Vendors Membrane Electrode Assemblies Product Types  
Figure Membrane Electrode Assemblies Market Share of Top 3 Vendors  
Figure Membrane Electrode Assemblies Market Share of Top 5 Vendors  
Table Malaysia Membrane Electrode Assemblies Sales by Type (2012-2017)  
Table Malaysia Membrane Electrode Assemblies Sales and Market Share by Type (2012-2017)  
Figure Malaysia Membrane Electrode Assemblies Sales Market Share by Type 2016  
Figure 2016 Malaysia Membrane Electrode Assemblies Sales Market Share by Type  
Table Malaysia Membrane Electrode Assemblies Revenue (Million USD) by Type (2012-2017)  
Table Malaysia Membrane Electrode Assemblies Revenue Market Share by Type (2012-2017)  
Figure Malaysia Membrane Electrode Assemblies Revenue Market Share by Type 2016  
Figure 2016 Malaysia Membrane Electrode Assemblies Revenue Market Share by Type  
Table Malaysia Membrane Electrode Assemblies Price by Type (2012-2017)  
Table Malaysia Membrane Electrode Assemblies Sales by Application (2012-2017)  
Table Malaysia Membrane Electrode Assemblies Sales and Market Share by Application (2012-2017)  
Figure Malaysia Membrane Electrode Assemblies Sales Market Share by Application (2012-2017)  
Figure 2016 Malaysia Membrane Electrode Assemblies Sales Market Share by Application  
Table Malaysia Market Membrane Electrode Assemblies Sales, Revenue (Million USD), Price and Gross Margin (2012-2017)  
Table 3M Basic Information, Manufacturing Base, Sales Area and Its Competitors  
Table 3M Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure 3M Membrane Electrode Assemblies Market Share (2012-2017)  
Table Dupont (Chemours) Basic Information, Manufacturing Base, Sales Area and Its Competitors  
Table Dupont (Chemours) Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)  
Figure Dupont (Chemours) Membrane Electrode Assemblies Market Share (2012-2017)  
Table Gore Basic Information, Manufacturing Base, Sales Area and Its Competitors  
Table Gore Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Gore Membrane Electrode Assemblies Market Share (2012-2017)

Table Johnson Matthey Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Johnson Matthey Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Johnson Matthey Membrane Electrode Assemblies Market Share (2012-2017)

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

Table Ballard Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Ballard Membrane Electrode Assemblies Market Share (2012-2017)

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

Table Greenerity Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Greenerity Membrane Electrode Assemblies Market Share (2012-2017)

Table Wuhan WUT Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Wuhan WUT Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Wuhan WUT Membrane Electrode Assemblies Market Share (2012-2017)

Table IRD Fuel Cells Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table IRD Fuel Cells Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure IRD Fuel Cells Membrane Electrode Assemblies Market Share (2012-2017)

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

Table Giner Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure Giner Membrane Electrode Assemblies Market Share (2012-2017)

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

Table HyPlat Membrane Electrode Assemblies Sales, Revenue, Price and Gross Margin (2012-2017)

Figure HyPlat Membrane Electrode Assemblies Market Share (2012-2017)

Table Production Base and Market Concentration Rate of Raw Material

Figure Membrane Electrode Assemblies Main Raw Materials Price Trend

Table Membrane Electrode Assemblies Raw Materials Major Suppliers List

Figure Production Cost Structure of Membrane Electrode Assemblies

Figure Membrane Electrode Assemblies Manufacturing Process/Method

Figure Membrane Electrode Assemblies Value Chain Analysis

Table Raw Materials Sources of Membrane Electrode Assemblies Major Vendors in 2016

Table Major Buyers of Membrane Electrode Assemblies

Table Membrane Electrode Assemblies Distributors/Traders List in Malaysia

Figure Malaysia Membrane Electrode Assemblies Sales and Growth Rate Forecast (2017-2022)

Figure Malaysia Membrane Electrode Assemblies Revenue and Growth Rate Forecast (2017-2022)

Figure Malaysia Membrane Electrode Assemblies Price Trend Forecast (2017-2022)

Table Malaysia Membrane Electrode Assemblies Sales Forecast by Type (2017-2022)

Figure Malaysia Membrane Electrode Assemblies Sales Market Share Forecast by Type (2017-2022)

Figure Malaysia Membrane Electrode Assemblies Sales Market Share Forecast by Type in 2022

Table Malaysia Membrane Electrode Assemblies Sales Forecast by Application (2017-2022)

Figure Malaysia Membrane Electrode Assemblies Sales Market Share Forecast by Application (2017-2022)

Figure Malaysia Membrane Electrode Assemblies Sales Market Share Forecast by Application in 2022

## I would like to order

Product name: 2017-2022 Malaysia Membrane Electrode Assemblies Market Report (Status and Outlook)

Product link: <https://marketpublishers.com/r/2CA63ABF5FCEN.html>

Price: US\$ 3,360.00 (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/2CA63ABF5FCEN.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

