

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Membrane Electrode Assemblies Market 2018, Forecast to 2023

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Abstracts

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

SCOPE OF THE REPORT:

This report focuses on the Membrane Electrode Assemblies in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The global production of Membrane Electrode Assemblies is about 341 MW in 2016, USA is the largest production region in 2016, the second largest production region is Europe, in short, the Membrane Electrode Assemblies is mainly produced in developed countries;

The global consumption of Membrane Electrode Assemblies is about 341 MW in 2016; USA is still the largest consumption region in 2016, the consumption volume is about 140 MW; Europe is also the second largest consumption region in 2016, the consumption volume is about 92.9 MW, the market share is about 27%;

The average price of Membrane Electrode Assemblies is about 618 USD per KW in 2016, the average gross margin is about 27%, the price shows down trend and the gross margin has the similar trend;

In the future, with the development of technology and improvement of economic level,

and the stable demand in fuel cell industry, the Membrane Electrode Assemblies will have great increase range; the developing countries will be high growth rate market.

Key manufacturers in these regions are 3M, Dupont (Chemours), Gore, Johnson Matthey, Ballard, Greenerity, etc. 3M is the largest player with market share of 20% followed by Dupont (Chemours) sharing 16% of the market. In the future, more and more companies will enter the market.

The worldwide market for Membrane Electrode Assemblies is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

3M

Dupont (Chemours)

Gore

Johnson Matthey

Ballard

Greenerity

Wuhan WUT

IRD Fuel Cells

Giner

HyPlat

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

Market Segment by Type, covers

3-layer MEA

5-layer MEA

Other

Market Segment by Applications, can be divided into

Hydrogen Fuel Cells

Methanol Fuel Cells

Others

There are 15 Chapters to deeply display the global Membrane Electrode Assemblies market.

Chapter 1, to describe Membrane Electrode Assemblies Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Membrane Electrode Assemblies, with sales, revenue, and price of Membrane Electrode Assemblies, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Membrane Electrode Assemblies, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Membrane Electrode Assemblies market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Membrane Electrode Assemblies sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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