

Global Membrane Electrode Assemblies (MEAs) Market Analysis 2012-2017 and Forecast 2018-2023

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Abstracts

Snapshot

The membrane electrode assembly (MEA) is the core component of a fuel cell. Membrane electrode assembly (MEA) is composed of polymer electrolyte membrane (PEM), catalyst layers (CL) and gas diffusion layers (GDL) attached on the outer surface of the catalyst layers as shown in the schematic drawing. There are two approaches to apply the catalyst layer for the MEA fabrication. One is the combination of the catalyst layer and the gas diffusion layer that forms an electrode. Another is coating catalyst layer on the surface of polymer electrolyte membrane (a polymer electrolyte membrane is sandwiched between two electrodes) which is also referred as catalyst-coated membranes (CCMs). The CCM is then sandwiched between 2 GDL's.

The global Membrane Electrode Assemblies (MEAs) market will reach xxx Million USD in 2017. 99Strategy said Hydrogen Fuel Cells dominates the largest Application share in 2017. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Membrane Electrode Assemblies (MEAs) by Type, region and Application, in addition, this report introduces market competition situation among the companies and company profile, besides, market price analysis and value chain features are covered in this report.

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

By Type

3 Layer MEA

3+2 Layer MEA

5+2 Layer MEA

Vendors Coverage (Sales Revenue, Price, Gross Margin, Main Products etc.):

3M

Dupont

Freudenberg

Gore

Johnson Matthey

Ballard

Greenerity

Wuhan WUT

IRD Fuel Cells

Giner

HyPlat

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Hydrogen Fuel Cells

Methanol Fuel Cells

Region Coverage (Regional Output, Demand & Forecast by Countries etc.):

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Italy, Russia, etc.)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, etc.)

South America (Brazil, Argentina, Columbia, etc)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, etc.)

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