

# Global Membrane Electrode Assemblies Market Research Report 2022 Professional Edition

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## Abstracts

The global Membrane Electrode Assemblies market was valued at 26.08 Million USD in 2021 and will grow with a CAGR of 19.15% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

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 North America is the largest consumption region in 2017, the sales volume is about 179 MW; Europe is also the second largest consumption region in 2017, the sales volume is about 111 MW, the market share is about 27%. Key manufacturers in these regions are 3M, Chemours (Dupont), Gore, Johnson Matthey, Ballard, Greenerity, etc. 3M is the largest player with market share of 18% followed by Chemours (Dupont) sharing 15% of the market. In the future, more and more companies will enter the market. 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.

By Market Vendors:

3M

Chemours (Dupont)

Freudenberg

Gore

Johnson Matthey

Ballard

Greenenergy

Wuhan WUT

IRD Fuel Cells

Giner

HyPlat

By Types:

3-layer MEA

5-layer MEA

By Applications:

Hydrogen Fuel Cells

Methanol Fuel Cells

Key Indicators Analysed

**Market Players & Competitor Analysis:** The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

### Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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