

# Membrane Electrode Assemblies (MEA) Market, Global Outlook and Forecast 2022-2028

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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 current is drawn from the cell producing electricity.

This report contains market size and forecasts of Membrane Electrode Assemblies (MEA) in global, including the following market information:

Global Membrane Electrode Assemblies (MEA) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Membrane Electrode Assemblies (MEA) Market Sales, 2017-2022, 2023-2028, (K Unit)

Global top five Membrane Electrode Assemblies (MEA) companies in 2021 (%)

The global Membrane Electrode Assemblies (MEA) market was valued at 528.3 million in 2021 and is projected to reach US\$ 1887 million by 2028, at a CAGR of 19.9% during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

5-layer MEA Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Membrane Electrode Assemblies (MEA) include Hyundai Mobis, Toyota, Johnson Matthey, SinoHyKey Technology, Ballard, Greenerity, Gore, Tangfeng and Horizon, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Membrane Electrode Assemblies (MEA) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Membrane Electrode Assemblies (MEA) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Unit)

Global Membrane Electrode Assemblies (MEA) Market Segment Percentages, by Type, 2021 (%)

5-layer MEA

7-layer MEA

3-layer MEA

Global Membrane Electrode Assemblies (MEA) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Unit)

Global Membrane Electrode Assemblies (MEA) Market Segment Percentages, by Application, 2021 (%)

Hydrogen Fuel Cells

Methanol Fuel Cells

Other

Global Membrane Electrode Assemblies (MEA) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Unit)

Global Membrane Electrode Assemblies (MEA) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Membrane Electrode Assemblies (MEA) revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Membrane Electrode Assemblies (MEA) revenues share in global

market, 2021 (%)

Key companies Membrane Electrode Assemblies (MEA) sales in global market, 2017-2022 (Estimated), (K Unit)

Key companies Membrane Electrode Assemblies (MEA) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Hyundai Mobis

Toyota

Johnson Matthey

SinoHyKey Technology

Ballard

Greenerity

Gore

Tangfeng

Horizon

Hydrogine Technology

WUT HyPower

Advent Technologies

IRD Fuel Cells

Honda

Sunrise

HyPlat

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