

Global Reformed Methanol Fuel Cell (RMFC) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Reformed Methanol Fuel Cell (RMFC) market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

Reformed Methanol Fuel Cell (RMFC) or Indirect Methanol Fuel Cell (IMFC) systems are a subcategory of proton-exchange fuel cells where, the fuel, methanol (CH_3OH), is reformed, before being fed into the fuel cell.

RMFC systems offer advantages over direct methanol fuel cell (DMFC) systems including higher efficiency, smaller cell stacks, less requirement on methanol purity, no water management, better operation at low temperatures, and storage at sub-zero temperatures because methanol is a liquid from $-97.0\text{ }^\circ\text{C}$ to $64.7\text{ }^\circ\text{C}$ ($-142.6\text{ }^\circ\text{F}$ to $148.5\text{ }^\circ\text{F}$) and as there is no liquid methanol-water mixture in the cells which can destroy the membrane of DMFC in case of frost.

RMFC systems consist of a fuel processing system (FPS), a fuel cell, a fuel cartridge, and the BOP (the balance of plant).

The Global Info Research report includes an overview of the development of the Reformed Methanol Fuel Cell (RMFC) industry chain, the market status of New Energy Vehicle (

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