

# Hydrogen Fuel Cell: Global Markets

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## Abstracts

### Report Scope:

This report covers fuel cells used in stationary power generation and storage applications along with mobility applications. Other applications primarily include fuel cell electrolyzers. These electrolyzers use electricity as input and produce hydrogen as an output. Thus, they are not considered in the study.

Definitive and detailed estimates and forecasts of the global market are provided. The report also contains a detailed analysis of the key fuel cell types, regions, countries, applications, and ongoing trends in the market.

The fuel cell market is segmented based on a) type of fuel cell and b) application. Solid oxide fuel cells and proton exchange membrane fuel cells (PEMFC) are the major types in the fuel cell market. The applications considered in this study are combined heating and power (CHP), stationary power supply units, auxiliary power units (APU), and vehicle propulsion systems.

### Report Includes:

44 data tables and 38 additional tables

An up-to-date overview of the global market for hydrogen fuel cells technology

Analyses of the global market trends, with data from 2021, estimates for 2022, and projections of compound annual growth rates (CAGRs) through 2027

Highlights of the upcoming market potential for hydrogen fuel cells in stationary and transport power generation industry, future trends and innovations, and

areas of focus to forecast this market into various segments and sub-segments

Evaluation and forecast the global hydrogen fuel cell market size for, and corresponding market share analysis by fuel cell type, application, and region

Discussion of the key market dynamics (DROs), technology updates, industry value chain analysis, and COVID-19 implications on the progress of this market

Insight into recent industry structure, current competitive scenario, R&D activities, major growth strategies, and company value share analysis based on their segmental revenues

Latest information on recent developments in the hydrogen fuel cell industry

Descriptive company profiles of the leading global players, including Bloom Energy, Cummins Inc., Delphi Automotive, General Electric, Mitsubishi Heavy Industries Ltd., Panasonic Group, Rolls-Royce Fuel Cell Systems Ltd., and Shell Hydrogen BV

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AFC ENENRGY  
ALPPS FUEL CELL SYSTEMS  
ALSTOM TECHNOLOGY  
ALTERGY  
ARISTON HOLDING N.V.  
BABCOCK & WILCOX  
BALLARD POWER SYSTEMS  
BLOOM ENERGY  
CERES POWER  
CLARA VENTURE LABS  
CONVION OY  
CUMMINS INC.  
DELPHI AUTOMOTIVE  
DOOSAN FUEL CELL  
ELCOGEN AS  
ENTWICKLUNGS UND VERTRIEBSGESELLSCHAFT BRENNSTOFFZELLE  
EZELLERON INC.  
FUELCELL ENERGY  
FUEL CELL TECHNOLOGIES  
FUJI ELECTRIC  
GENERAL ELECTRIC CO.  
GEORGE WESTINGHOUSE RESEARCH AND TECHNOLOGY PARK  
H2E POWER SYSTEMS INC.  
H2 POWER TECH  
HALDOR TOPSOE A/S/TOPSOE FUEL CELL  
HORIZON FUEL CELLS AND RIVERSIMPLE  
ITM POWER  
INTELLIGENT ENERGY  
KANSAI ELECTRIC POWER CO., INC.  
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MERIDIAN ENERGY LTD.  
MITSUBISHI HEAVY INDUSTRIES LTD.  
NEDSTACK FUEL CELL TECHNOLOGY  
PALCAN FUEL CELLS LTD.  
PANASONIC

PLUG POWER INC.  
POHANG IRON AND STEEL CO. (POSCO)  
PROTON MOTOR FUEL CELL GMBH  
ROLLS-ROYCE FUEL CELL SYSTEMS LTD.  
SAFCELL  
SHELL HYDROGEN BV  
SIEMENS POWER GENERATION INC.  
SMART FUEL CELL AG (SFC)  
SOLIDPOWER  
STAXERA GMBH (SUNFIRE)  
SULZER HEXIS AG  
SUMITOMO CORP.  
TOKYO GAS CO., LTD.  
TOSHIBA FUEL CELL POWER SYSTEMS CORP.  
TOYOTA  
VAILLANT GMBH  
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