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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 stationery and transport power generation industry, future trends and innovations, and

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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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U.S.
Europe
ENE-FIELD
PACE
KfW 433 (Germany)

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ACAL ENERGY LTD.

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ACUMENTRICS HOLDING CORP.
ADELAN UK LTD.
AFC ENENRGY
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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.
LINDE BOC
LOGAN ENERGY CORP.
MEIDENSHA CORP.
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PANASONIC

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PLUG POWER INC.
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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
VERSA POWER SYSTEMS INC.
VIOLET FUEL CELL STICKS
WATT FUEL CELL CORP.

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