

2018 Top 5 Fuel Cell Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

<https://marketpublishers.com/r/220769F0ABBEN.html>

Date: July 2018

Pages: 142

Price: US\$ 4,960.00 (Single User License)

ID: 220769F0ABBEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

A fuel cell is a device that generates electricity by a chemical reaction. Every fuel cell has two electrodes, one positive and one negative, called, respectively, the anode and cathode. The reactions that produce electricity take place at the electrodes.

Every fuel cell also has an electrolyte, which carries electrically charged particles from one electrode to the other, and a catalyst, which speeds the reactions at the electrodes.

Hydrogen is the basic fuel, but fuel cells also require oxygen. One great appeal of fuel cells is that they generate electricity with very little pollution—much of the hydrogen and oxygen used in generating electricity ultimately combine to form a harmless byproduct, namely water.

Because of emission control requirements and new power line restrictions in the state's larger cities, there will be greater motivation for fuel cell use in urban areas than in more rural areas. This concentration of fuel cells in specific urban areas will allow for more efficient utilization of fuel cell maintenance and repair technicians by utility companies. Government level systematic identification and removal of legislative barriers to deployment of fuel cells in stationary, portable or transport systems.

Several automobile companies including, most prominently, GM, DaimlerChrysler, and Honda, have invested hundreds of millions of dollars in fuel cell research, development, and commercialization. Each of these companies has a fuel cell prototype car currently being tested in a demonstration program.

Over the next five years, LPI(LP Information) projects that Fuel Cell will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Ballard Power System, Inc.

Ceramic Fuel Cells Limited

FuelCell Energy, Inc.

Hydrogenics Corporation

AFC Energy PLC

Bloom Energy

Ceres Power Holdings PLC

Doosan Corporation

Plug Power, Inc.

POSCO Energy Co., Ltd.

Horizon Fuel Cell Technologies Pte. Ltd.

Quantum Fuel Systems Technologies Worldwide, Inc.

Panasonic Corporation

Toshiba Fuel Cell Power Systems Corp.

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

PEMFCs

SOFC

MCFC

DMFC

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Transport

Stationary

Portable

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