

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

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## Abstracts

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A fuel cell car (FCV) is a car powered by electric power generated by an on-board fuel cell device. The fuel used in an on-vehicle fuel cell apparatus is a highly-hydrogen-containing reformed gas obtained by reforming a high-purity hydrogen gas or a hydrogen-containing fuel. Compared with the usual electric vehicles, the difference in power is that the power used by the FCV comes from the vehicle-mounted fuel cell device, and the power used by the electric vehicle comes from the grid-charged battery. Therefore, the key to FCV is fuel cell.

Fuel cell technology for vehicle is becoming increasingly important owing to its uniqueness and non-pollution. The technology has the ability to power all vehicle types including heavy duty, power forklifts, passenger, and airport tugs. Environmental effects from vehicles emission is a key point to drive FCV market growth. Unlike traditional cars generated by non-renewable resource create a large amount of exhaust which can be harmful to health. New energy vehicle mainly depends to battery instead of petrol. North America was the leading global market owing to continuous government initiatives undertaken to develop hydrogen infrastructure in order to promote hydrogen fuel cell vehicle in this region. Additionally, Asia-Pacific is expected to witness the rapid growth over the forecast period owing to government support.

Over the next five years, LPI(LP Information) projects that Fuel Cell Vehicles 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:

Acumentrics SOFC Corporation

Automotive Fuel Cell Cooperation Corp

Ballard Power Systems

BMW

Audi

GreenGT

Proton Power Systems

Hydrogenics

Nissan

Toyota Motor Corporation

Daimler

Ballard

VW Group

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

Proton Exchange Membrane Fuel Cell

Alkaline Fuel cell

Solid Oxide Fuel Cell

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

Forklifts

Airplanes

Submarines

Buses

Motorcycles & Bicycles

Trams

Boats

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