

# Solid Oxide Fuel Cell - Global Market Outlook (2017-2026)

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## Abstracts

According to Statistics MRC, the Solid Oxide Fuel Cell market is accounted for \$389.21 million in 2017 and is expected to reach \$1356.51 million by 2026 growing at a CAGR of 14.9%. Factors that are driving the market include rising demand for energy efficient power generation, increasing private-public partnerships, biomass utilization and variety of fuels. However, risks associated with investment in hydrogen refuelling stations and high capital costs are hampering the market growth. In addition, integration technologies are providing growth opportunities for the market.

A Solid Oxide Fuel Cell generates electricity by electrochemical process that involves oxidation of the electrolyte, when placed between the two electrodes anode and cathode. Fuel cells are considered as potential candidates for mobile power and auxiliary power. The benefits offered by SOFC are little cost, low emission, lasting stability, high efficiency and fuel flexibility.

Amongst application, stationary segment is anticipated to grow at a considerable market share due to growing adoption of fuel cells in automobiles, marine and trucks. Furthermore, huge scale of projects to power homes with solid oxide fuel cells is also fuelling the market. By geography, North America is expected to lead the global market and will continue to lead the SOFC market throughout the forecasted period due to increasing demand for efficient power generation and government subsidies.

Some of the key players in the Solid Oxide Fuel Cell market include SOFC Power S.P.A, Watt Fuel Cell Corporation, Ultra Electronics Ami, LG Fuel Cell Systems Inc., Staxera-Sunfire GmbH, Protonex Type Corporation, Ultra Undersea Sensor Systems, General Electric, Elcogen, Hexis AG, Fuel Cell Energy, Delphi Automotive LLP, Convion Fuel Cells Ltd, Ceres, Power Holdings Plc, Ceramic Fuel Cells Limited, Bloom Energy

Corporation, Aisin Seiki Co., Ltd., Acumentrics Corporation, Adaptive Materials, Inc and Altair Nanotechnologies Inc .

Types Covered:

Planar

Thin film

Tubular

Applications Covered:

Portable

Transportation

Stationary

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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