

# Global SOFC (solid oxide fuel cell) Market 2016 Share, Trend, Segmentation and Forecast to 2020

*SOFC -Market Demand, Growth, Opportunities and Forecast 2016 - 2020*

PUNE, INDIA, July 25, 2016 /EINPresswire.com/ -- [SOFC](#) Market

## Summary

An SOFC is a device that generates electricity through an electrochemical process that involves oxidation of the electrolyte when placed between the two electrodes - anode and cathode. Fuel cells are generally categorized based on the type of electrolyte material used in them; an SOFC uses a solid oxide or ceramic electrolyte. Some of the advantages of an SOFC include its low cost, low emissions, long-term stability, high efficiency, and fuel flexibility. Its high fuel flexibility permits the use of cheap, safe, and readily available fuels such as hydrocarbons, natural gas, hydrogen, methanol, and syngas. An SOFC, however, requires a high operating temperature, usually within the range of 932 degrees to 1,832 degrees Fahrenheit, for the activation of the ceramics. This high operating temperature leads to mechanical and chemical compatibility issues and longer start-up times.



Report Details @ <https://www.wiseguyreports.com/reports/37809-global-sofc-market-2015-2019>

The analysts forecast the Global SOFC market to grow at a CAGR of 10.3 percent over the period 2014-2019.

Covered in this Report

The Global SOFC market can be segmented into three application segments: Stationary, transportation, and Portable.

TechNavio's report, the Global SOFC Market 2015-2019, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the Americas, and the EMEA and APAC regions; it also covers the Global SOFC market landscape and its growth prospects in the coming years. The report also includes a discussion of the key vendors operating in this market.

#### Key Regions

- Americas
- EMEA
- APAC

#### Key Vendors

- Acumentrics
- Bloom Energy
- FuelCell Energy
- Mitsubishi Heavy Industries

#### Other Prominent Vendors

- ADELAN U.K.
- Alstom
- Ceramic Fuel Cells
- Ceres Power
- Delphi SOFC Technology
- Elcogen
- Hexis
- Protonex
- Rolls-Royce
- SOFCpower
- Sunfire
- Topsoe Fuel Cell
- Ultra Electronics AMI
- WATT Fuel Cell

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#### Market Driver

- Growing Concerns about Energy Efficiency
- For a full, detailed list, view our report

## Market Challenge

- Maintaining a Stable Operational Temperature
- For a full, detailed list, view our report

## Market Trend

- Reduction in SOFC Prices
- For a full, detailed list, view our report

## Key Questions Answered in this Report

- What will the market size be in 2019 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

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