

# Global Solid Oxide Fuel Cell (SOFC) Market Data Survey Report 2025

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## Abstracts

### SUMMARY

A solid oxide fuel cell (or SOFC) is an electrochemical conversion device that produces electricity directly from oxidizing a fuel. Fuel cells are characterized by their electrolyte material; the SOFC has a solid oxide or ceramic electrolyte. Advantages of this class of fuel cells include high efficiency, long-term stability, fuel flexibility, low emissions, and relatively low cost. The largest disadvantage is the high operating temperature which results in longer start-up times and mechanical and chemical compatibility issues.

The global Solid Oxide Fuel Cell (SOFC) market will reach Volume Million USD in 2017 with CAGR xx% 2018-2025. The main contents of the report including:

- Global market size and forecast

- Regional market size, production data and export & import

- Key manufacturers (manufacturing sites, capacity and production, product specifications etc.)

- Average market price by SUK

Major applications

Key manufacturers are included based on manufacturing sites, capacity and production, product specifications etc.:

Bloom Energy

Siemens Energy

Aisin Seiki

Mitsubishi Heavy Industries

Delphi Corp

GE

GE

FuelCell Energy

Atrex Energy, Inc

SOLIDpower

ZTEK Corporation

Redox Power Systems

Ceres

Elcogen

Major applications as follows:

Transportation

Portable & Military

Stationary

Regional market size, production data and export & import:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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