

Solid Oxide Fuel Cell (SOFC) Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027)

https://marketpublishers.com/r/S08EB4859339EN.html

Date: August 2021 Pages: 45 Price: US\$ 2,280.00 (Single User License) ID: S08EB4859339EN

Abstracts

According to 99Strategy, the Global Solid Oxide Fuel Cell (SOFC) Market is estimated to reach xxx million USD in 2021 and projected to grow at the CAGR of xx% during the 2022-2027. The report analyses the global Solid Oxide Fuel Cell (SOFC) market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

Key Regions

Asia Pacific

North America

Europe

South America

Middle East & Africa



Key Companies

Bloom Energy

Siemens Energy

Aisin Seiki

Mitsubishi Heavy Industries

Delphi Corp

GE

Convion

FuelCell Energy

Atrex Energy, Inc

SOLIDpower

ZTEK Corporation

Redox Power Systems

Ceres

Elcogen

Key Product Type

Tubular

Planar



Others

Market by Application

Transportation

Portable & Military

Stationary

Main Aspects covered in the Report

Overview of the Solid Oxide Fuel Cell (SOFC) market including production, consumption, status & forecast and market growth

2017-2021 historical data and 2022-2027 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development



Contents

1 INDUSTRIAL CHAIN OVERVIEW

- 1.1 Solid Oxide Fuel Cell (SOFC) Industry
- 1.1.1 Overview

Figure Solid Oxide Fuel Cell (SOFC) Picture List

- 1.1.2 Characteristics of Solid Oxide Fuel Cell (SOFC)
- 1.2 Upstream
- 1.2.1 Major Materials
- 1.2.2 Manufacturing Overview
- 1.3 Product List By Type
 - 1.3.1 Tubular
 - 1.3.2 Planar
- 1.3.3 Others
- 1.4 End-Use List
 - 1.4.1 Demand in Transportation
 - 1.4.2 Demand in Portable & Military
 - 1.4.3 Demand in Stationary
- 1.5 Global Market Overview
- 1.5.1 Global Market Size and Forecast, 2017-2027

Figure Global Market Size and Forecast with Growth Rate, 2017-2027

1.5.2 Global Market Size and Forecast by Geography with CAGR, 2017-2027 Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027

1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2017-2027 Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027

1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2017-2027

Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027

2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY

2.1 Global Production & Consumption

2.1.1 Global Production

Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD

2.1.2 Global Consumption

Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million



USD

2.2 Geographic Production & Consumption

2.2.1 Production

2.2.1.1 Asia-Pacific

Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.2 North America

Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.3 South America

Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.4 Europe

Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.1.5 Middle East & Africa

Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD

2.2.2 Consumption

2.2.2.1 Asia-Pacific

Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.2 North America

Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.3 South America

Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million



USD

2.2.2.4 Europe

Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD

Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD

2.2.2.5 Middle East & Africa

Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD

Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD

3 MAJOR MANUFACTURERS INTRODUCTION

3.1 Manufacturers Overview

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Production Amount List in 2021

3.2 Manufacturers List

3.2.1 Bloom Energy Overview

Table Bloom Energy Overview List

3.2.1.1 Product Specifications

3.2.1.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of Bloom Energy (Production Amount (Million USD), Cost, Gross Margin)

3.2.1.3 Recent Developments

3.2.1.4 Future Strategic Planning

3.2.2 Siemens Energy Overview

Table Siemens Energy Overview List

3.2.2.1 Product Specifications

3.2.2.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of Siemens Energy (Production Amount (Million USD), Cost, Gross Margin)

3.2.2.3 Recent Developments

3.2.2.4 Future Strategic Planning

3.2.3 Aisin Seiki Overview

Table Aisin Seiki Overview List

3.2.3.1 Product Specifications

3.2.3.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of Aisin Seiki (Production Amount (Million USD), Cost, Gross Margin)

3.2.3.3 Recent Developments



3.2.3.4 Future Strategic Planning

3.2.4 Mitsubishi Heavy Industries Overview

Table Mitsubishi Heavy Industries Overview List

3.2.4.1 Product Specifications

3.2.4.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of Mitsubishi Heavy Industries (Production Amount (Million USD), Cost, Gross Margin)

3.2.4.3 Recent Developments

3.2.4.4 Future Strategic Planning

3.2.5 Delphi Corp Overview

Table Delphi Corp Overview List

3.2.5.1 Product Specifications

3.2.5.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of Delphi Corp (Production Amount (Million USD), Cost, Gross Margin)

3.2.5.3 Recent Developments

3.2.5.4 Future Strategic Planning

3.2.6 GE Overview

Table GE Overview List

3.2.6.1 Product Specifications

3.2.6.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of GE (Production Amount (Million USD), Cost, Gross Margin)

3.2.6.3 Recent Developments

3.2.6.4 Future Strategic Planning

3.2.7 Convion Overview

Table Convion Overview List

3.2.7.1 Product Specifications

3.2.7.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of Convion (Production

Amount (Million USD), Cost, Gross Margin)

3.2.7.3 Recent Developments

3.2.7.4 Future Strategic Planning

3.2.8 FuelCell Energy Overview

Table FuelCell Energy Overview List

3.2.8.1 Product Specifications

3.2.8.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of FuelCell Energy (Production Amount (Million USD), Cost, Gross Margin)



3.2.8.3 Recent Developments 3.2.8.4 Future Strategic Planning 3.2.9 Atrex Energy, Inc Overview Table Atrex Energy, Inc Overview List 3.2.9.1 Product Specifications 3.2.9.2 Business Data (Production Amount (Million USD), Cost, Margin) Table Solid Oxide Fuel Cell (SOFC) Business Operation of Atrex Energy, Inc (Production Amount (Million USD), Cost, Gross Margin) 3.2.9.3 Recent Developments 3.2.9.4 Future Strategic Planning 3.2.10 SOLIDpower Overview Table SOLIDpower Overview List 3.2.10.1 Product Specifications 3.2.10.2 Business Data (Production Amount (Million USD), Cost, Margin) Table Solid Oxide Fuel Cell (SOFC) Business Operation of SOLIDpower (Production Amount (Million USD), Cost, Gross Margin) 3.2.10.3 Recent Developments 3.2.10.4 Future Strategic Planning 3.2.11 ZTEK Corporation Overview Table ZTEK Corporation Overview List 3.2.11.1 Product Specifications 3.2.11.2 Business Data (Production Amount (Million USD), Cost, Margin) Table Solid Oxide Fuel Cell (SOFC) Business Operation of ZTEK Corporation (Production Amount (Million USD), Cost, Gross Margin) 3.2.11.3 Recent Developments 3.2.11.4 Future Strategic Planning 3.2.12 Redox Power Systems Overview Table Redox Power Systems Overview List 3.2.12.1 Product Specifications 3.2.12.2 Business Data (Production Amount (Million USD), Cost, Margin) Table Solid Oxide Fuel Cell (SOFC) Business Operation of Redox Power Systems (Production Amount (Million USD), Cost, Gross Margin) 3.2.12.3 Recent Developments 3.2.12.4 Future Strategic Planning 3.2.13 Ceres Overview **Table Ceres Overview List** 3.2.13.1 Product Specifications 3.2.13.2 Business Data (Production Amount (Million USD), Cost, Margin) Table Solid Oxide Fuel Cell (SOFC) Business Operation of Ceres (Production Amount



(Million USD), Cost, Gross Margin)

- 3.2.13.3 Recent Developments
- 3.2.13.4 Future Strategic Planning

3.2.14 Elcogen Overview

Table Elcogen Overview List

3.2.14.1 Product Specifications

3.2.14.2 Business Data (Production Amount (Million USD), Cost, Margin)

Table Solid Oxide Fuel Cell (SOFC) Business Operation of Elcogen (Production Amount (Million USD), Cost, Gross Margin)

- 3.2.14.3 Recent Developments
- 3.2.14.4 Future Strategic Planning

4 MARKET COMPETITION PATTERN

4.1 Market Size and Sketch

Figure Global Market Size and Growth Rate, 2017-2021, in Million USD

Figure Global Competition Sketch Overview

- 4.2 Company Market Share
- 4.2.1 Global Production by Major Manufacturers

Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD

Figure Global Production Amount Share by Manufacturers in 2021, in Million USD

4.2.2 Market Concentration Analysis

4.3 Market News and Trend

- 4.3.1 Merger & Acquisition
- 4.3.2 New Product Launch

5 PRODUCT TYPE SEGMENT

5.1 Global Overview by Product Type Segment

Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD

5.2 Segment Subdivision by Product Type

5.2.1 Market in Tubular

5.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Tubular, 2017-2021, in USD Million

5.2.1.2 Situation & Development

5.2.2 Market in Planar



5.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Planar, 2017-2021, in USD Million

5.2.2.2 Situation & Development

5.2.3 Market in Others

5.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million 5.2.3.2 Situation & Development

6 END-USE SEGMENT

6.1 Global Overview by End-Use Segment

Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

6.2 Segment Subdivision

6.2.1 Market in Transportation

6.2.1.1 Market Size

Figure Global Market Amount and Growth Rate in Transportation, 2017-2021, in USD Million

6.2.1.2 Situation & Development

6.2.2 Market in Portable & Military

6.2.2.1 Market Size

Figure Global Market Amount and Growth Rate in Portable & Military, 2017-2021, in USD Million

6.2.2.2 Situation & Development

6.2.3 Market in Stationary

6.2.3.1 Market Size

Figure Global Market Amount and Growth Rate in Stationary, 2017-2021, in USD Million 6.2.3.2 Situation & Development

7 MARKET FORECAST & TREND

7.1 Regional Forecast

Table Global Market Forecast by Region Segment 2022-2027, in Million USD

- 7.2 Consumption Forecast
- 7.2.1 Product Type Forecast

Table Global Market Amount by Product Type Segment 2022-2027, in Million USD 7.2.2 End-Use Forecast

Table Global Market Amount by End-Use Segment 2022-2027, in Million USD 7.3 Investment Trend



7.4 Consumption Trend

8 PRICE & CHANNEL

8.1 Price and Cost8.1.1 Price8.1.2 CostFigure Cost Component Ratio8.2 Channel Segment

9 MARKET DRIVERS & INVESTMENT ENVIRONMENT

- 9.1 Market Drivers
- 9.2 Investment Environment
- 9.3 Impact of Coronavirus on the Solid Oxide Fuel Cell (SOFC) Industry
 - 9.3.1 Impact on Industry Upstream
 - 9.3.2 Impact on Industry Downstream
 - 9.3.3 Impact on Industry Channels
 - 9.3.4 Impact on Industry Competition
 - 9.3.5 Impact on Industry Employment

10 RESEARCH CONCLUSION



List Of Tables

LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2017-2027 Table Global Market Size and Forecast by Type with Growth Rate, 2017-2027 Table Global Market Size and Forecast by End-Use with Growth Rate, 2017-2027 Table Global Production Amount Status and Growth Rate by Geography, 2017-2021, in Million USD Table Global Market Amount and Growth Rate by Geography, 2017-2021, in Million USD Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD Table North America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD Table South America Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD Table Europe Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2017-2021, in Million USD Table Asia-Pacific Market Amount and Growth Rate by Region, 2017-2021, in Million USD Table North America Market Amount and Growth Rate by Region, 2017-2021, in Million USD Table South America Market Amount and Growth Rate by Region, 2017-2021, in Million USD Table Europe Market Amount and Growth Rate by Region, 2017-2021, in Million USD Table Middle East & Africa Market Amount and Growth Rate by Region, 2017-2021, in Million USD Table Major Manufacturers Headquarters and Contact Information Table Major Manufacturers Production Amount List in 2021 Table Bloom Energy Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Bloom Energy (Production Amount (Million USD), Cost, Gross Margin) Table Siemens Energy Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Siemens Energy (Production Amount (Million USD), Cost, Gross Margin) Table Aisin Seiki Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Aisin Seiki (Production

Solid Oxide Fuel Cell (SOFC) Market Research: Global Status & Forecast by Geography, Type & Application (2017-...



Amount (Million USD), Cost, Gross Margin) Table Mitsubishi Heavy Industries Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Mitsubishi Heavy Industries (Production Amount (Million USD), Cost, Gross Margin) Table Delphi Corp Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Delphi Corp (Production Amount (Million USD), Cost, Gross Margin) Table GE Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of GE (Production Amount (Million USD), Cost, Gross Margin) **Table Convion Overview List** Table Solid Oxide Fuel Cell (SOFC) Business Operation of Convion (Production Amount (Million USD), Cost, Gross Margin) Table FuelCell Energy Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of FuelCell Energy (Production Amount (Million USD), Cost, Gross Margin) Table Atrex Energy, Inc Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Atrex Energy, Inc. (Production Amount (Million USD), Cost, Gross Margin) Table SOLIDpower Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of SOLIDpower (Production Amount (Million USD), Cost, Gross Margin) Table ZTEK Corporation Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of ZTEK Corporation (Production Amount (Million USD), Cost, Gross Margin) Table Redox Power Systems Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Redox Power Systems (Production Amount (Million USD), Cost, Gross Margin) Table Ceres Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Ceres (Production Amount (Million USD), Cost, Gross Margin) Table Elcogen Overview List Table Solid Oxide Fuel Cell (SOFC) Business Operation of Elcogen (Production Amount (Million USD), Cost, Gross Margin) Table Global Production Amount List by Manufacturers, 2017-2021, in Million USD Table Global Production Amount Share List by Manufacturers, 2017-2021, in Million USD Table Global Market Status and Growth Rate by Product Type Segment, 2017-2021, in Million USD



Table Global Market Status and Growth Rate by End-Use Segment, 2017-2021, in Million USD

Table Global Market Forecast by Region Segment 2022-2027, in Million USD Table Global Market Amount by Product Type Segment 2022-2027, in Million USD Table Global Market Amount by End-Use Segment 2022-2027, in Million USD



List Of Figures

LIST OF FIGURES

Figure Solid Oxide Fuel Cell (SOFC) Picture List Figure Global Market Size and Forecast with Growth Rate, 2017-2027 Figure Global Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure Global Market Amount and Growth Rate, 2017-2021, in Million USD Figure Asia-Pacific Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure North America Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure South America Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure Europe Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure Middle East & Africa Production Amount Status and Growth Rate, 2017-2021, in Million USD Figure Asia-Pacific Market Amount and Growth Rate, 2017-2021, in Million USD Figure North America Market Amount and Growth Rate, 2017-2021, in Million USD Figure South America Market Amount and Growth Rate, 2017-2021, in Million USD Figure Europe Market Amount and Growth Rate, 2017-2021, in Million USD Figure Middle East & Africa Market Amount and Growth Rate, 2017-2021, in Million USD Figure Global Market Size and Growth Rate, 2017-2021, in Million USD Figure Global Competition Sketch Overview Figure Global Production Amount Share by Manufacturers in 2021, in Million USD Figure Global Market Amount and Growth Rate in Tubular, 2017-2021, in USD Million Figure Global Market Amount and Growth Rate in Planar, 2017-2021, in USD Million Figure Global Market Amount and Growth Rate in Others, 2017-2021, in USD Million Figure Global Market Amount and Growth Rate in Transportation, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Portable & Military, 2017-2021, in USD Million

Figure Global Market Amount and Growth Rate in Stationary, 2017-2021, in USD Million Figure Cost Component Ratio



I would like to order

Product name: Solid Oxide Fuel Cell (SOFC) Market Research: Global Status & Forecast by Geography, Type & Application (2017-2027) Product link: <u>https://marketpublishers.com/r/S08EB4859339EN.html</u> Price: US\$ 2,280.00 (Single User License / Electronic Delivery)

> If you want to order Corporate License or Hard Copy, please, contact our Customer Service: info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/S08EB4859339EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Solid Oxide Fuel Cell (SOFC) Market Research: Global Status & Forecast by Geography, Type & Application (2017-...