

Global Solid Oxide Fuel Cell (SOFC) Market Research Report 2024(Status and Outlook)

<https://marketpublishers.com/r/GD270277A0F0EN.html>

Date: June 2024

Pages: 134

Price: US\$ 3,200.00 (Single User License)

ID: GD270277A0F0EN

Abstracts

Report Overview:

Solid oxide fuel cells are emission free power sources, which run on electrochemical conversion reactions. SOFC use ceramic electrolytes that are hard and non-porous in nature. As the electrolyte is a solid, the cells are not necessarily constructed in a plate-like configuration as seen in other fuel cell types. Electrical efficiency provided is around 50% to 60%. In applications designed to capture and utilize the system's waste heat (cogeneration), the overall fuel use efficiency could top 80% to 85% and operate at very high temperatures of around 1,000°C (1,830°F). The unique properties of solid oxide fuel cell such as portability, long-term stability, easy fuel selection, and emission-free power serve this requirement. These cells have vast applications, with military applications expecting the highest growth. Planar SOFC has been identified to be the dominating fuel cell in the market for its versatility. This report studies the Solid Oxide Fuel Cell (SOFC) market, from angles of players, regions, product types and end industries, to analyze the status and the future. The scope of this report is mainly for commercial companies, excluding products from government departments and research institutions.

The Global Solid Oxide Fuel Cell (SOFC) Market Size was estimated at USD 724.93 million in 2023 and is projected to reach USD 1509.26 million by 2029, exhibiting a CAGR of 13.00% during the forecast period.

This report provides a deep insight into the global Solid Oxide Fuel Cell (SOFC) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces

analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Solid Oxide Fuel Cell (SOFC) Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Solid Oxide Fuel Cell (SOFC) market in any manner.

Global Solid Oxide Fuel Cell (SOFC) Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Bloom Energy

Siemens Energy

Aisin Seiki

Mitsubishi Heavy Industries

Delphi

GE

Convion

FuelCell Energy

Atrex Energy, Inc

SOLIDpower

ZTEK

Redox Power Systems

Ceres

Elcogen

Market Segmentation (by Type)

Tubular

Planar

Others

Market Segmentation (by Application)

Transportation

Portable & Military

Stationary

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Solid Oxide Fuel Cell (SOFC) Market

Overview of the regional outlook of the Solid Oxide Fuel Cell (SOFC) Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint

the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about

48 hours.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Solid Oxide Fuel Cell (SOFC) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Solid Oxide Fuel Cell (SOFC)

1.2 Key Market Segments

1.2.1 Solid Oxide Fuel Cell (SOFC) Segment by Type

1.2.2 Solid Oxide Fuel Cell (SOFC) Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 SOLID OXIDE FUEL CELL (SOFC) MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Solid Oxide Fuel Cell (SOFC) Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Solid Oxide Fuel Cell (SOFC) Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 SOLID OXIDE FUEL CELL (SOFC) MARKET COMPETITIVE LANDSCAPE

3.1 Global Solid Oxide Fuel Cell (SOFC) Sales by Manufacturers (2019-2024)

3.2 Global Solid Oxide Fuel Cell (SOFC) Revenue Market Share by Manufacturers (2019-2024)

3.3 Solid Oxide Fuel Cell (SOFC) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Solid Oxide Fuel Cell (SOFC) Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Solid Oxide Fuel Cell (SOFC) Sales Sites, Area Served, Product Type

3.6 Solid Oxide Fuel Cell (SOFC) Market Competitive Situation and Trends

3.6.1 Solid Oxide Fuel Cell (SOFC) Market Concentration Rate

3.6.2 Global 5 and 10 Largest Solid Oxide Fuel Cell (SOFC) Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 SOLID OXIDE FUEL CELL (SOFC) INDUSTRY CHAIN ANALYSIS

4.1 Solid Oxide Fuel Cell (SOFC) Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF SOLID OXIDE FUEL CELL (SOFC) MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

6 SOLID OXIDE FUEL CELL (SOFC) MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Type (2019-2024)

6.3 Global Solid Oxide Fuel Cell (SOFC) Market Size Market Share by Type (2019-2024)

6.4 Global Solid Oxide Fuel Cell (SOFC) Price by Type (2019-2024)

7 SOLID OXIDE FUEL CELL (SOFC) MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Solid Oxide Fuel Cell (SOFC) Market Sales by Application (2019-2024)

7.3 Global Solid Oxide Fuel Cell (SOFC) Market Size (M USD) by Application (2019-2024)

7.4 Global Solid Oxide Fuel Cell (SOFC) Sales Growth Rate by Application (2019-2024)

8 SOLID OXIDE FUEL CELL (SOFC) MARKET SEGMENTATION BY REGION

8.1 Global Solid Oxide Fuel Cell (SOFC) Sales by Region

8.1.1 Global Solid Oxide Fuel Cell (SOFC) Sales by Region

8.1.2 Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Region

8.2 North America

8.2.1 North America Solid Oxide Fuel Cell (SOFC) Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Solid Oxide Fuel Cell (SOFC) Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Solid Oxide Fuel Cell (SOFC) Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Solid Oxide Fuel Cell (SOFC) Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Solid Oxide Fuel Cell (SOFC) Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.1 Bloom Energy

- 9.1.1 Bloom Energy Solid Oxide Fuel Cell (SOFC) Basic Information
- 9.1.2 Bloom Energy Solid Oxide Fuel Cell (SOFC) Product Overview
- 9.1.3 Bloom Energy Solid Oxide Fuel Cell (SOFC) Product Market Performance
- 9.1.4 Bloom Energy Business Overview
- 9.1.5 Bloom Energy Solid Oxide Fuel Cell (SOFC) SWOT Analysis
- 9.1.6 Bloom Energy Recent Developments

9.2 Siemens Energy

- 9.2.1 Siemens Energy Solid Oxide Fuel Cell (SOFC) Basic Information
- 9.2.2 Siemens Energy Solid Oxide Fuel Cell (SOFC) Product Overview
- 9.2.3 Siemens Energy Solid Oxide Fuel Cell (SOFC) Product Market Performance
- 9.2.4 Siemens Energy Business Overview
- 9.2.5 Siemens Energy Solid Oxide Fuel Cell (SOFC) SWOT Analysis
- 9.2.6 Siemens Energy Recent Developments

9.3 Aisin Seiki

- 9.3.1 Aisin Seiki Solid Oxide Fuel Cell (SOFC) Basic Information
- 9.3.2 Aisin Seiki Solid Oxide Fuel Cell (SOFC) Product Overview
- 9.3.3 Aisin Seiki Solid Oxide Fuel Cell (SOFC) Product Market Performance
- 9.3.4 Aisin Seiki Solid Oxide Fuel Cell (SOFC) SWOT Analysis
- 9.3.5 Aisin Seiki Business Overview
- 9.3.6 Aisin Seiki Recent Developments

9.4 Mitsubishi Heavy Industries

- 9.4.1 Mitsubishi Heavy Industries Solid Oxide Fuel Cell (SOFC) Basic Information
- 9.4.2 Mitsubishi Heavy Industries Solid Oxide Fuel Cell (SOFC) Product Overview
- 9.4.3 Mitsubishi Heavy Industries Solid Oxide Fuel Cell (SOFC) Product Market Performance
- 9.4.4 Mitsubishi Heavy Industries Business Overview
- 9.4.5 Mitsubishi Heavy Industries Recent Developments

9.5 Delphi

- 9.5.1 Delphi Solid Oxide Fuel Cell (SOFC) Basic Information
- 9.5.2 Delphi Solid Oxide Fuel Cell (SOFC) Product Overview
- 9.5.3 Delphi Solid Oxide Fuel Cell (SOFC) Product Market Performance
- 9.5.4 Delphi Business Overview
- 9.5.5 Delphi Recent Developments

9.6 GE

- 9.6.1 GE Solid Oxide Fuel Cell (SOFC) Basic Information
- 9.6.2 GE Solid Oxide Fuel Cell (SOFC) Product Overview
- 9.6.3 GE Solid Oxide Fuel Cell (SOFC) Product Market Performance
- 9.6.4 GE Business Overview

9.6.5 GE Recent Developments

9.7 Convion

9.7.1 Convion Solid Oxide Fuel Cell (SOFC) Basic Information

9.7.2 Convion Solid Oxide Fuel Cell (SOFC) Product Overview

9.7.3 Convion Solid Oxide Fuel Cell (SOFC) Product Market Performance

9.7.4 Convion Business Overview

9.7.5 Convion Recent Developments

9.8 FuelCell Energy

9.8.1 FuelCell Energy Solid Oxide Fuel Cell (SOFC) Basic Information

9.8.2 FuelCell Energy Solid Oxide Fuel Cell (SOFC) Product Overview

9.8.3 FuelCell Energy Solid Oxide Fuel Cell (SOFC) Product Market Performance

9.8.4 FuelCell Energy Business Overview

9.8.5 FuelCell Energy Recent Developments

9.9 Atrex Energy, Inc

9.9.1 Atrex Energy, Inc Solid Oxide Fuel Cell (SOFC) Basic Information

9.9.2 Atrex Energy, Inc Solid Oxide Fuel Cell (SOFC) Product Overview

9.9.3 Atrex Energy, Inc Solid Oxide Fuel Cell (SOFC) Product Market Performance

9.9.4 Atrex Energy, Inc Business Overview

9.9.5 Atrex Energy, Inc Recent Developments

9.10 SOLIDpower

9.10.1 SOLIDpower Solid Oxide Fuel Cell (SOFC) Basic Information

9.10.2 SOLIDpower Solid Oxide Fuel Cell (SOFC) Product Overview

9.10.3 SOLIDpower Solid Oxide Fuel Cell (SOFC) Product Market Performance

9.10.4 SOLIDpower Business Overview

9.10.5 SOLIDpower Recent Developments

9.11 ZTEK

9.11.1 ZTEK Solid Oxide Fuel Cell (SOFC) Basic Information

9.11.2 ZTEK Solid Oxide Fuel Cell (SOFC) Product Overview

9.11.3 ZTEK Solid Oxide Fuel Cell (SOFC) Product Market Performance

9.11.4 ZTEK Business Overview

9.11.5 ZTEK Recent Developments

9.12 Redox Power Systems

9.12.1 Redox Power Systems Solid Oxide Fuel Cell (SOFC) Basic Information

9.12.2 Redox Power Systems Solid Oxide Fuel Cell (SOFC) Product Overview

9.12.3 Redox Power Systems Solid Oxide Fuel Cell (SOFC) Product Market

Performance

9.12.4 Redox Power Systems Business Overview

9.12.5 Redox Power Systems Recent Developments

9.13 Ceres

- 9.13.1 Ceres Solid Oxide Fuel Cell (SOFC) Basic Information
- 9.13.2 Ceres Solid Oxide Fuel Cell (SOFC) Product Overview
- 9.13.3 Ceres Solid Oxide Fuel Cell (SOFC) Product Market Performance
- 9.13.4 Ceres Business Overview
- 9.13.5 Ceres Recent Developments
- 9.14 Elcogen
 - 9.14.1 Elcogen Solid Oxide Fuel Cell (SOFC) Basic Information
 - 9.14.2 Elcogen Solid Oxide Fuel Cell (SOFC) Product Overview
 - 9.14.3 Elcogen Solid Oxide Fuel Cell (SOFC) Product Market Performance
 - 9.14.4 Elcogen Business Overview
 - 9.14.5 Elcogen Recent Developments

10 SOLID OXIDE FUEL CELL (SOFC) MARKET FORECAST BY REGION

- 10.1 Global Solid Oxide Fuel Cell (SOFC) Market Size Forecast
- 10.2 Global Solid Oxide Fuel Cell (SOFC) Market Forecast by Region
 - 10.2.1 North America Market Size Forecast by Country
 - 10.2.2 Europe Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Country
 - 10.2.3 Asia Pacific Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Region
 - 10.2.4 South America Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Country
 - 10.2.5 Middle East and Africa Forecasted Consumption of Solid Oxide Fuel Cell (SOFC) by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

- 11.1 Global Solid Oxide Fuel Cell (SOFC) Market Forecast by Type (2025-2030)
 - 11.1.1 Global Forecasted Sales of Solid Oxide Fuel Cell (SOFC) by Type (2025-2030)
 - 11.1.2 Global Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Type (2025-2030)
 - 11.1.3 Global Forecasted Price of Solid Oxide Fuel Cell (SOFC) by Type (2025-2030)
- 11.2 Global Solid Oxide Fuel Cell (SOFC) Market Forecast by Application (2025-2030)
 - 11.2.1 Global Solid Oxide Fuel Cell (SOFC) Sales (K Units) Forecast by Application
 - 11.2.2 Global Solid Oxide Fuel Cell (SOFC) Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Solid Oxide Fuel Cell (SOFC) Market Size Comparison by Region (M USD)
- Table 5. Global Solid Oxide Fuel Cell (SOFC) Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Solid Oxide Fuel Cell (SOFC) Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Solid Oxide Fuel Cell (SOFC) Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Solid Oxide Fuel Cell (SOFC) as of 2022)
- Table 10. Global Market Solid Oxide Fuel Cell (SOFC) Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Solid Oxide Fuel Cell (SOFC) Sales Sites and Area Served
- Table 12. Manufacturers Solid Oxide Fuel Cell (SOFC) Product Type
- Table 13. Global Solid Oxide Fuel Cell (SOFC) Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Solid Oxide Fuel Cell (SOFC)
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Solid Oxide Fuel Cell (SOFC) Market Challenges
- Table 22. Global Solid Oxide Fuel Cell (SOFC) Sales by Type (K Units)
- Table 23. Global Solid Oxide Fuel Cell (SOFC) Market Size by Type (M USD)
- Table 24. Global Solid Oxide Fuel Cell (SOFC) Sales (K Units) by Type (2019-2024)
- Table 25. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Type (2019-2024)
- Table 26. Global Solid Oxide Fuel Cell (SOFC) Market Size (M USD) by Type (2019-2024)

- Table 27. Global Solid Oxide Fuel Cell (SOFC) Market Size Share by Type (2019-2024)
- Table 28. Global Solid Oxide Fuel Cell (SOFC) Price (USD/Unit) by Type (2019-2024)
- Table 29. Global Solid Oxide Fuel Cell (SOFC) Sales (K Units) by Application
- Table 30. Global Solid Oxide Fuel Cell (SOFC) Market Size by Application
- Table 31. Global Solid Oxide Fuel Cell (SOFC) Sales by Application (2019-2024) & (K Units)
- Table 32. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Application (2019-2024)
- Table 33. Global Solid Oxide Fuel Cell (SOFC) Sales by Application (2019-2024) & (M USD)
- Table 34. Global Solid Oxide Fuel Cell (SOFC) Market Share by Application (2019-2024)
- Table 35. Global Solid Oxide Fuel Cell (SOFC) Sales Growth Rate by Application (2019-2024)
- Table 36. Global Solid Oxide Fuel Cell (SOFC) Sales by Region (2019-2024) & (K Units)
- Table 37. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Region (2019-2024)
- Table 38. North America Solid Oxide Fuel Cell (SOFC) Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Solid Oxide Fuel Cell (SOFC) Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Solid Oxide Fuel Cell (SOFC) Sales by Region (2019-2024) & (K Units)
- Table 41. South America Solid Oxide Fuel Cell (SOFC) Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Solid Oxide Fuel Cell (SOFC) Sales by Region (2019-2024) & (K Units)
- Table 43. Bloom Energy Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 44. Bloom Energy Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 45. Bloom Energy Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. Bloom Energy Business Overview
- Table 47. Bloom Energy Solid Oxide Fuel Cell (SOFC) SWOT Analysis
- Table 48. Bloom Energy Recent Developments
- Table 49. Siemens Energy Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 50. Siemens Energy Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 51. Siemens Energy Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 52. Siemens Energy Business Overview
- Table 53. Siemens Energy Solid Oxide Fuel Cell (SOFC) SWOT Analysis
- Table 54. Siemens Energy Recent Developments
- Table 55. Aisin Seiki Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 56. Aisin Seiki Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 57. Aisin Seiki Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. Aisin Seiki Solid Oxide Fuel Cell (SOFC) SWOT Analysis
- Table 59. Aisin Seiki Business Overview
- Table 60. Aisin Seiki Recent Developments
- Table 61. Mitsubishi Heavy Industries Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 62. Mitsubishi Heavy Industries Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 63. Mitsubishi Heavy Industries Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 64. Mitsubishi Heavy Industries Business Overview
- Table 65. Mitsubishi Heavy Industries Recent Developments
- Table 66. Delphi Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 67. Delphi Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 68. Delphi Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 69. Delphi Business Overview
- Table 70. Delphi Recent Developments
- Table 71. GE Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 72. GE Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 73. GE Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. GE Business Overview
- Table 75. GE Recent Developments
- Table 76. Convion Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 77. Convion Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 78. Convion Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Convion Business Overview
- Table 80. Convion Recent Developments
- Table 81. FuelCell Energy Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 82. FuelCell Energy Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 83. FuelCell Energy Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. FuelCell Energy Business Overview

- Table 85. FuelCell Energy Recent Developments
- Table 86. Atrex Energy, Inc Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 87. Atrex Energy, Inc Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 88. Atrex Energy, Inc Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Atrex Energy, Inc Business Overview
- Table 90. Atrex Energy, Inc Recent Developments
- Table 91. SOLIDpower Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 92. SOLIDpower Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 93. SOLIDpower Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. SOLIDpower Business Overview
- Table 95. SOLIDpower Recent Developments
- Table 96. ZTEK Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 97. ZTEK Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 98. ZTEK Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. ZTEK Business Overview
- Table 100. ZTEK Recent Developments
- Table 101. Redox Power Systems Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 102. Redox Power Systems Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 103. Redox Power Systems Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Redox Power Systems Business Overview
- Table 105. Redox Power Systems Recent Developments
- Table 106. Ceres Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 107. Ceres Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 108. Ceres Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. Ceres Business Overview
- Table 110. Ceres Recent Developments
- Table 111. Elcogen Solid Oxide Fuel Cell (SOFC) Basic Information
- Table 112. Elcogen Solid Oxide Fuel Cell (SOFC) Product Overview
- Table 113. Elcogen Solid Oxide Fuel Cell (SOFC) Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. Elcogen Business Overview
- Table 115. Elcogen Recent Developments
- Table 116. Global Solid Oxide Fuel Cell (SOFC) Sales Forecast by Region (2025-2030) & (K Units)

Table 117. Global Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Region (2025-2030) & (M USD)

Table 118. North America Solid Oxide Fuel Cell (SOFC) Sales Forecast by Country (2025-2030) & (K Units)

Table 119. North America Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 120. Europe Solid Oxide Fuel Cell (SOFC) Sales Forecast by Country (2025-2030) & (K Units)

Table 121. Europe Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 122. Asia Pacific Solid Oxide Fuel Cell (SOFC) Sales Forecast by Region (2025-2030) & (K Units)

Table 123. Asia Pacific Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Region (2025-2030) & (M USD)

Table 124. South America Solid Oxide Fuel Cell (SOFC) Sales Forecast by Country (2025-2030) & (K Units)

Table 125. South America Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 126. Middle East and Africa Solid Oxide Fuel Cell (SOFC) Consumption Forecast by Country (2025-2030) & (Units)

Table 127. Middle East and Africa Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Country (2025-2030) & (M USD)

Table 128. Global Solid Oxide Fuel Cell (SOFC) Sales Forecast by Type (2025-2030) & (K Units)

Table 129. Global Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Type (2025-2030) & (M USD)

Table 130. Global Solid Oxide Fuel Cell (SOFC) Price Forecast by Type (2025-2030) & (USD/Unit)

Table 131. Global Solid Oxide Fuel Cell (SOFC) Sales (K Units) Forecast by Application (2025-2030)

Table 132. Global Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Application (2025-2030) & (M USD)

List Of Figures

LIST OF FIGURES

Figure 1. Product Picture of Solid Oxide Fuel Cell (SOFC)

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Solid Oxide Fuel Cell (SOFC) Market Size (M USD), 2019-2030

Figure 5. Global Solid Oxide Fuel Cell (SOFC) Market Size (M USD) (2019-2030)

Figure 6. Global Solid Oxide Fuel Cell (SOFC) Sales (K Units) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Solid Oxide Fuel Cell (SOFC) Market Size by Country (M USD)

Figure 11. Solid Oxide Fuel Cell (SOFC) Sales Share by Manufacturers in 2023

Figure 12. Global Solid Oxide Fuel Cell (SOFC) Revenue Share by Manufacturers in 2023

Figure 13. Solid Oxide Fuel Cell (SOFC) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023

Figure 14. Global Market Solid Oxide Fuel Cell (SOFC) Average Price (USD/Unit) of Key Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Solid Oxide Fuel Cell (SOFC) Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Solid Oxide Fuel Cell (SOFC) Market Share by Type

Figure 18. Sales Market Share of Solid Oxide Fuel Cell (SOFC) by Type (2019-2024)

Figure 19. Sales Market Share of Solid Oxide Fuel Cell (SOFC) by Type in 2023

Figure 20. Market Size Share of Solid Oxide Fuel Cell (SOFC) by Type (2019-2024)

Figure 21. Market Size Market Share of Solid Oxide Fuel Cell (SOFC) by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Solid Oxide Fuel Cell (SOFC) Market Share by Application

Figure 24. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Application (2019-2024)

Figure 25. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Application in 2023

Figure 26. Global Solid Oxide Fuel Cell (SOFC) Market Share by Application (2019-2024)

Figure 27. Global Solid Oxide Fuel Cell (SOFC) Market Share by Application in 2023

Figure 28. Global Solid Oxide Fuel Cell (SOFC) Sales Growth Rate by Application

(2019-2024)

Figure 29. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share by Region

(2019-2024)

Figure 30. North America Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate

(2019-2024) & (K Units)

Figure 31. North America Solid Oxide Fuel Cell (SOFC) Sales Market Share by Country in 2023

Figure 32. U.S. Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Solid Oxide Fuel Cell (SOFC) Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Solid Oxide Fuel Cell (SOFC) Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Solid Oxide Fuel Cell (SOFC) Sales Market Share by Country in 2023

Figure 37. Germany Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Solid Oxide Fuel Cell (SOFC) Sales Market Share by Region in 2023

Figure 44. China Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate

(2019-2024) & (K Units)

Figure 49. South America Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (K Units)

Figure 50. South America Solid Oxide Fuel Cell (SOFC) Sales Market Share by Country in 2023

Figure 51. Brazil Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Solid Oxide Fuel Cell (SOFC) Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Solid Oxide Fuel Cell (SOFC) Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Solid Oxide Fuel Cell (SOFC) Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Solid Oxide Fuel Cell (SOFC) Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Solid Oxide Fuel Cell (SOFC) Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Solid Oxide Fuel Cell (SOFC) Market Share Forecast by Type (2025-2030)

Figure 65. Global Solid Oxide Fuel Cell (SOFC) Sales Forecast by Application (2025-2030)

Figure 66. Global Solid Oxide Fuel Cell (SOFC) Market Share Forecast by Application (2025-2030)

I would like to order

Product name: Global Solid Oxide Fuel Cell (SOFC) Market Research Report 2024(Status and Outlook)

Product link: <https://marketpublishers.com/r/GD270277A0F0EN.html>

Price: US\$ 3,200.00 (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 <https://marketpublishers.com/r/GD270277A0F0EN.html>

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**

Customer signature _____

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

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