

# Global Carbon Composite Bipolar Plates for Fuel Cells Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Carbon Composite Bipolar Plates for Fuel Cells market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The bipolar plate (BPP for short) is a core component of the fuel cell. Its main function is to support the MEA, provide hydrogen, oxygen and coolant fluid channels, separate hydrogen and oxygen, collect electrons, and conduct heat. To put it vividly, if the fuel cell stack is regarded as a human body, BPP is equivalent to the bones and blood vessels of the human body.

This report studies the global Carbon Composite Bipolar Plates for Fuel Cells production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Carbon Composite Bipolar Plates for Fuel Cells, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Carbon Composite Bipolar Plates for Fuel Cells that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Carbon Composite Bipolar Plates for Fuel Cells total production and demand, 2018-2029, (Tons)

Global Carbon Composite Bipolar Plates for Fuel Cells total production value,

2018-2029, (USD Million)

Global Carbon Composite Bipolar Plates for Fuel Cells production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Carbon Composite Bipolar Plates for Fuel Cells consumption by region & country, CAGR, 2018-2029 & (Tons)

U.S. VS China: Carbon Composite Bipolar Plates for Fuel Cells domestic production, consumption, key domestic manufacturers and share

Global Carbon Composite Bipolar Plates for Fuel Cells production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Tons)

Global Carbon Composite Bipolar Plates for Fuel Cells production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Tons)

Global Carbon Composite Bipolar Plates for Fuel Cells production by Application production, value, CAGR, 2018-2029, (USD Million) & (Tons)

This reports profiles key players in the global Carbon Composite Bipolar Plates for Fuel Cells market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include POCO, Bac2, GrafTech, Fujikura Rubber LTD, Ballard, Dana, Cellimpact, Grabener and Treadstone, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Carbon Composite Bipolar Plates for Fuel Cells market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

## Global Carbon Composite Bipolar Plates for Fuel Cells Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Carbon Composite Bipolar Plates for Fuel Cells Market, Segmentation by Type

Small

Medium

Large

## Global Carbon Composite Bipolar Plates for Fuel Cells Market, Segmentation by Application

Proton Exchange Membrane Cell (PEMFC)

Alkaline Fuel Cell (AFC)

Phosphoric Acid Fuel Cell (PAFC)

Molten Carbonate Fuel Cell (MCFC)

Solid Oxide Fuel Cell (SOFC)

Direct Methanol Fuel Cell (DMFC)

Companies Profiled:

POCO

Bac2

GrafTech

Fujikura Rubber LTD

Ballard

Dana

Cellimpact

Grabener

Treadstone

HONDA

Porvair

ORNL

Chery Automobile

Shanghai Hongfeng

SUNRISE POWER

Kyushu

Advanced Technology & Materials

ZHIZHEN NEW ENERGY

### Key Questions Answered

1. How big is the global Carbon Composite Bipolar Plates for Fuel Cells market?
2. What is the demand of the global Carbon Composite Bipolar Plates for Fuel Cells market?
3. What is the year over year growth of the global Carbon Composite Bipolar Plates for Fuel Cells market?
4. What is the production and production value of the global Carbon Composite Bipolar Plates for Fuel Cells market?
5. Who are the key producers in the global Carbon Composite Bipolar Plates for Fuel Cells market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Carbon Composite Bipolar Plates for Fuel Cells Introduction
- 1.2 World Carbon Composite Bipolar Plates for Fuel Cells Supply & Forecast
  - 1.2.1 World Carbon Composite Bipolar Plates for Fuel Cells Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029)
  - 1.2.3 World Carbon Composite Bipolar Plates for Fuel Cells Pricing Trends (2018-2029)
- 1.3 World Carbon Composite Bipolar Plates for Fuel Cells Production by Region (Based on Production Site)
  - 1.3.1 World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Region (2018-2029)
  - 1.3.2 World Carbon Composite Bipolar Plates for Fuel Cells Production by Region (2018-2029)
  - 1.3.3 World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Region (2018-2029)
  - 1.3.4 North America Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029)
  - 1.3.5 Europe Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029)
  - 1.3.6 China Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029)
  - 1.3.7 Japan Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Carbon Composite Bipolar Plates for Fuel Cells Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Carbon Composite Bipolar Plates for Fuel Cells Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World Carbon Composite Bipolar Plates for Fuel Cells Demand (2018-2029)
- 2.2 World Carbon Composite Bipolar Plates for Fuel Cells Consumption by Region
  - 2.2.1 World Carbon Composite Bipolar Plates for Fuel Cells Consumption by Region (2018-2023)
  - 2.2.2 World Carbon Composite Bipolar Plates for Fuel Cells Consumption Forecast by

Region (2024-2029)

2.3 United States Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029)

2.4 China Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029)

2.5 Europe Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029)

2.6 Japan Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029)

2.7 South Korea Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029)

2.8 ASEAN Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029)

2.9 India Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029)

### **3 WORLD CARBON COMPOSITE BIPOLAR PLATES FOR FUEL CELLS MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Manufacturer (2018-2023)

3.2 World Carbon Composite Bipolar Plates for Fuel Cells Production by Manufacturer (2018-2023)

3.3 World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Manufacturer (2018-2023)

3.4 Carbon Composite Bipolar Plates for Fuel Cells Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Carbon Composite Bipolar Plates for Fuel Cells Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Carbon Composite Bipolar Plates for Fuel Cells in 2022

3.5.3 Global Concentration Ratios (CR8) for Carbon Composite Bipolar Plates for Fuel Cells in 2022

3.6 Carbon Composite Bipolar Plates for Fuel Cells Market: Overall Company Footprint Analysis

3.6.1 Carbon Composite Bipolar Plates for Fuel Cells Market: Region Footprint

3.6.2 Carbon Composite Bipolar Plates for Fuel Cells Market: Company Product Type Footprint

3.6.3 Carbon Composite Bipolar Plates for Fuel Cells Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

4.1 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Value Comparison

4.1.1 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Comparison

4.2.1 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Consumption Comparison

4.3.1 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value (2018-2023)

4.4.3 United States Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2023)

4.5 China Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers and Market Share

4.5.1 China Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value (2018-2023)

4.5.3 China Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2023)



#### 4.6 Rest of World Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2023)

### **5 MARKET ANALYSIS BY TYPE**

5.1 World Carbon Composite Bipolar Plates for Fuel Cells Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Small

5.2.2 Medium

5.2.3 Large

5.3 Market Segment by Type

5.3.1 World Carbon Composite Bipolar Plates for Fuel Cells Production by Type (2018-2029)

5.3.2 World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Type (2018-2029)

5.3.3 World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Type (2018-2029)

### **6 MARKET ANALYSIS BY APPLICATION**

6.1 World Carbon Composite Bipolar Plates for Fuel Cells Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Proton Exchange Membrane Cell (PEMFC)

6.2.2 Alkaline Fuel Cell (AFC)

6.2.3 Phosphoric Acid Fuel Cell (PAFC)

6.2.4 Molten Carbonate Fuel Cell (MCFC)

6.2.5 Solid Oxide Fuel Cell (SOFC)

6.2.6 Direct Methanol Fuel Cell (DMFC)

6.3 Market Segment by Application

6.3.1 World Carbon Composite Bipolar Plates for Fuel Cells Production by Application (2018-2029)

6.3.2 World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Application (2018-2029)

6.3.3 World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

### **7.1 POCO**

7.1.1 POCO Details

7.1.2 POCO Major Business

7.1.3 POCO Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.1.4 POCO Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 POCO Recent Developments/Updates

7.1.6 POCO Competitive Strengths & Weaknesses

### **7.2 Bac2**

7.2.1 Bac2 Details

7.2.2 Bac2 Major Business

7.2.3 Bac2 Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.2.4 Bac2 Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Bac2 Recent Developments/Updates

7.2.6 Bac2 Competitive Strengths & Weaknesses

### **7.3 GrafTech**

7.3.1 GrafTech Details

7.3.2 GrafTech Major Business

7.3.3 GrafTech Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.3.4 GrafTech Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 GrafTech Recent Developments/Updates

7.3.6 GrafTech Competitive Strengths & Weaknesses

### **7.4 Fujikura Rubber LTD**

7.4.1 Fujikura Rubber LTD Details

7.4.2 Fujikura Rubber LTD Major Business

7.4.3 Fujikura Rubber LTD Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.4.4 Fujikura Rubber LTD Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Fujikura Rubber LTD Recent Developments/Updates

#### 7.4.6 Fujikura Rubber LTD Competitive Strengths & Weaknesses

### 7.5 Ballard

#### 7.5.1 Ballard Details

#### 7.5.2 Ballard Major Business

#### 7.5.3 Ballard Carbon Composite Bipolar Plates for Fuel Cells Product and Services

#### 7.5.4 Ballard Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.5.5 Ballard Recent Developments/Updates

#### 7.5.6 Ballard Competitive Strengths & Weaknesses

### 7.6 Dana

#### 7.6.1 Dana Details

#### 7.6.2 Dana Major Business

#### 7.6.3 Dana Carbon Composite Bipolar Plates for Fuel Cells Product and Services

#### 7.6.4 Dana Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.6.5 Dana Recent Developments/Updates

#### 7.6.6 Dana Competitive Strengths & Weaknesses

### 7.7 Cellimpact

#### 7.7.1 Cellimpact Details

#### 7.7.2 Cellimpact Major Business

#### 7.7.3 Cellimpact Carbon Composite Bipolar Plates for Fuel Cells Product and Services

#### 7.7.4 Cellimpact Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.7.5 Cellimpact Recent Developments/Updates

#### 7.7.6 Cellimpact Competitive Strengths & Weaknesses

### 7.8 Grabener

#### 7.8.1 Grabener Details

#### 7.8.2 Grabener Major Business

#### 7.8.3 Grabener Carbon Composite Bipolar Plates for Fuel Cells Product and Services

#### 7.8.4 Grabener Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

#### 7.8.5 Grabener Recent Developments/Updates

#### 7.8.6 Grabener Competitive Strengths & Weaknesses

### 7.9 Treadstione

#### 7.9.1 Treadstione Details

#### 7.9.2 Treadstione Major Business

#### 7.9.3 Treadstione Carbon Composite Bipolar Plates for Fuel Cells Product and Services

#### 7.9.4 Treadstione Carbon Composite Bipolar Plates for Fuel Cells Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.9.5 Treadstone Recent Developments/Updates

7.9.6 Treadstone Competitive Strengths & Weaknesses

7.10 HONDA

7.10.1 HONDA Details

7.10.2 HONDA Major Business

7.10.3 HONDA Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.10.4 HONDA Carbon Composite Bipolar Plates for Fuel Cells Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.10.5 HONDA Recent Developments/Updates

7.10.6 HONDA Competitive Strengths & Weaknesses

7.11 Porvair

7.11.1 Porvair Details

7.11.2 Porvair Major Business

7.11.3 Porvair Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.11.4 Porvair Carbon Composite Bipolar Plates for Fuel Cells Production, Price,

Value, Gross Margin and Market Share (2018-2023)

7.11.5 Porvair Recent Developments/Updates

7.11.6 Porvair Competitive Strengths & Weaknesses

7.12 ORNL

7.12.1 ORNL Details

7.12.2 ORNL Major Business

7.12.3 ORNL Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.12.4 ORNL Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value,

Gross Margin and Market Share (2018-2023)

7.12.5 ORNL Recent Developments/Updates

7.12.6 ORNL Competitive Strengths & Weaknesses

7.13 Chery Automobile

7.13.1 Chery Automobile Details

7.13.2 Chery Automobile Major Business

7.13.3 Chery Automobile Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.13.4 Chery Automobile Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Chery Automobile Recent Developments/Updates

7.13.6 Chery Automobile Competitive Strengths & Weaknesses

7.14 Shanghai Hongfeng

7.14.1 Shanghai Hongfeng Details

7.14.2 Shanghai Hongfeng Major Business

7.14.3 Shanghai Hongfeng Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.14.4 Shanghai Hongfeng Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Shanghai Hongfeng Recent Developments/Updates

7.14.6 Shanghai Hongfeng Competitive Strengths & Weaknesses

7.15 SUNRISE POWER

7.15.1 SUNRISE POWER Details

7.15.2 SUNRISE POWER Major Business

7.15.3 SUNRISE POWER Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.15.4 SUNRISE POWER Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 SUNRISE POWER Recent Developments/Updates

7.15.6 SUNRISE POWER Competitive Strengths & Weaknesses

7.16 Kyushu

7.16.1 Kyushu Details

7.16.2 Kyushu Major Business

7.16.3 Kyushu Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.16.4 Kyushu Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.16.5 Kyushu Recent Developments/Updates

7.16.6 Kyushu Competitive Strengths & Weaknesses

7.17 Advanced Technology & Materials

7.17.1 Advanced Technology & Materials Details

7.17.2 Advanced Technology & Materials Major Business

7.17.3 Advanced Technology & Materials Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.17.4 Advanced Technology & Materials Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.17.5 Advanced Technology & Materials Recent Developments/Updates

7.17.6 Advanced Technology & Materials Competitive Strengths & Weaknesses

7.18 ZHIZHEN NEW ENERGY

7.18.1 ZHIZHEN NEW ENERGY Details

7.18.2 ZHIZHEN NEW ENERGY Major Business

7.18.3 ZHIZHEN NEW ENERGY Carbon Composite Bipolar Plates for Fuel Cells Product and Services

7.18.4 ZHIZHEN NEW ENERGY Carbon Composite Bipolar Plates for Fuel Cells Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.18.5 ZHIZHEN NEW ENERGY Recent Developments/Updates

7.18.6 ZHIZHEN NEW ENERGY Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

8.1 Carbon Composite Bipolar Plates for Fuel Cells Industry Chain

8.2 Carbon Composite Bipolar Plates for Fuel Cells Upstream Analysis

8.2.1 Carbon Composite Bipolar Plates for Fuel Cells Core Raw Materials

8.2.2 Main Manufacturers of Carbon Composite Bipolar Plates for Fuel Cells Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Carbon Composite Bipolar Plates for Fuel Cells Production Mode

8.6 Carbon Composite Bipolar Plates for Fuel Cells Procurement Model

8.7 Carbon Composite Bipolar Plates for Fuel Cells Industry Sales Model and Sales Channels

8.7.1 Carbon Composite Bipolar Plates for Fuel Cells Sales Model

8.7.2 Carbon Composite Bipolar Plates for Fuel Cells Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Region (2018-2023) & (USD Million)

Table 3. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Region (2024-2029) & (USD Million)

Table 4. World Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share by Region (2018-2023)

Table 5. World Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share by Region (2024-2029)

Table 6. World Carbon Composite Bipolar Plates for Fuel Cells Production by Region (2018-2023) & (Tons)

Table 7. World Carbon Composite Bipolar Plates for Fuel Cells Production by Region (2024-2029) & (Tons)

Table 8. World Carbon Composite Bipolar Plates for Fuel Cells Production Market Share by Region (2018-2023)

Table 9. World Carbon Composite Bipolar Plates for Fuel Cells Production Market Share by Region (2024-2029)

Table 10. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Region (2018-2023) & (US\$/Ton)

Table 11. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Region (2024-2029) & (US\$/Ton)

Table 12. Carbon Composite Bipolar Plates for Fuel Cells Major Market Trends

Table 13. World Carbon Composite Bipolar Plates for Fuel Cells Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Tons)

Table 14. World Carbon Composite Bipolar Plates for Fuel Cells Consumption by Region (2018-2023) & (Tons)

Table 15. World Carbon Composite Bipolar Plates for Fuel Cells Consumption Forecast by Region (2024-2029) & (Tons)

Table 16. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Carbon Composite Bipolar Plates for Fuel Cells Producers in 2022

Table 18. World Carbon Composite Bipolar Plates for Fuel Cells Production by Manufacturer (2018-2023) & (Tons)

Table 19. Production Market Share of Key Carbon Composite Bipolar Plates for Fuel Cells Producers in 2022

Table 20. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 21. Global Carbon Composite Bipolar Plates for Fuel Cells Company Evaluation Quadrant

Table 22. World Carbon Composite Bipolar Plates for Fuel Cells Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Carbon Composite Bipolar Plates for Fuel Cells Production Site of Key Manufacturer

Table 24. Carbon Composite Bipolar Plates for Fuel Cells Market: Company Product Type Footprint

Table 25. Carbon Composite Bipolar Plates for Fuel Cells Market: Company Product Application Footprint

Table 26. Carbon Composite Bipolar Plates for Fuel Cells Competitive Factors

Table 27. Carbon Composite Bipolar Plates for Fuel Cells New Entrant and Capacity Expansion Plans

Table 28. Carbon Composite Bipolar Plates for Fuel Cells Mergers & Acquisitions Activity

Table 29. United States VS China Carbon Composite Bipolar Plates for Fuel Cells Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Carbon Composite Bipolar Plates for Fuel Cells Production Comparison, (2018 & 2022 & 2029) & (Tons)

Table 31. United States VS China Carbon Composite Bipolar Plates for Fuel Cells Consumption Comparison, (2018 & 2022 & 2029) & (Tons)

Table 32. United States Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2023) & (Tons)

Table 36. United States Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Market Share (2018-2023)

Table 37. China Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value, (2018-2023) & (USD Million)



Table 39. China Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2023) & (Tons)

Table 41. China Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Market Share (2018-2023)

Table 42. Rest of World Based Carbon Composite Bipolar Plates for Fuel Cells Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2023) & (Tons)

Table 46. Rest of World Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Market Share (2018-2023)

Table 47. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Carbon Composite Bipolar Plates for Fuel Cells Production by Type (2018-2023) & (Tons)

Table 49. World Carbon Composite Bipolar Plates for Fuel Cells Production by Type (2024-2029) & (Tons)

Table 50. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Type (2018-2023) & (USD Million)

Table 51. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Type (2024-2029) & (USD Million)

Table 52. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Type (2018-2023) & (US\$/Ton)

Table 53. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Type (2024-2029) & (US\$/Ton)

Table 54. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Carbon Composite Bipolar Plates for Fuel Cells Production by Application (2018-2023) & (Tons)

Table 56. World Carbon Composite Bipolar Plates for Fuel Cells Production by Application (2024-2029) & (Tons)

Table 57. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Application (2018-2023) & (USD Million)

Table 58. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by

Application (2024-2029) & (USD Million)

Table 59. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Application (2018-2023) & (US\$/Ton)

Table 60. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Application (2024-2029) & (US\$/Ton)

Table 61. POCO Basic Information, Manufacturing Base and Competitors

Table 62. POCO Major Business

Table 63. POCO Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 64. POCO Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. POCO Recent Developments/Updates

Table 66. POCO Competitive Strengths & Weaknesses

Table 67. Bac2 Basic Information, Manufacturing Base and Competitors

Table 68. Bac2 Major Business

Table 69. Bac2 Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 70. Bac2 Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Bac2 Recent Developments/Updates

Table 72. Bac2 Competitive Strengths & Weaknesses

Table 73. GrafTech Basic Information, Manufacturing Base and Competitors

Table 74. GrafTech Major Business

Table 75. GrafTech Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 76. GrafTech Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. GrafTech Recent Developments/Updates

Table 78. GrafTech Competitive Strengths & Weaknesses

Table 79. Fujikura Rubber LTD Basic Information, Manufacturing Base and Competitors

Table 80. Fujikura Rubber LTD Major Business

Table 81. Fujikura Rubber LTD Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 82. Fujikura Rubber LTD Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Fujikura Rubber LTD Recent Developments/Updates

Table 84. Fujikura Rubber LTD Competitive Strengths & Weaknesses

- Table 85. Ballard Basic Information, Manufacturing Base and Competitors
- Table 86. Ballard Major Business
- Table 87. Ballard Carbon Composite Bipolar Plates for Fuel Cells Product and Services
- Table 88. Ballard Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 89. Ballard Recent Developments/Updates
- Table 90. Ballard Competitive Strengths & Weaknesses
- Table 91. Dana Basic Information, Manufacturing Base and Competitors
- Table 92. Dana Major Business
- Table 93. Dana Carbon Composite Bipolar Plates for Fuel Cells Product and Services
- Table 94. Dana Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Dana Recent Developments/Updates
- Table 96. Dana Competitive Strengths & Weaknesses
- Table 97. Cellimpact Basic Information, Manufacturing Base and Competitors
- Table 98. Cellimpact Major Business
- Table 99. Cellimpact Carbon Composite Bipolar Plates for Fuel Cells Product and Services
- Table 100. Cellimpact Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Cellimpact Recent Developments/Updates
- Table 102. Cellimpact Competitive Strengths & Weaknesses
- Table 103. Grabener Basic Information, Manufacturing Base and Competitors
- Table 104. Grabener Major Business
- Table 105. Grabener Carbon Composite Bipolar Plates for Fuel Cells Product and Services
- Table 106. Grabener Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Grabener Recent Developments/Updates
- Table 108. Grabener Competitive Strengths & Weaknesses
- Table 109. Treadstione Basic Information, Manufacturing Base and Competitors
- Table 110. Treadstione Major Business
- Table 111. Treadstione Carbon Composite Bipolar Plates for Fuel Cells Product and Services
- Table 112. Treadstione Carbon Composite Bipolar Plates for Fuel Cells Production

(Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Treadstone Recent Developments/Updates

Table 114. Treadstone Competitive Strengths & Weaknesses

Table 115. HONDA Basic Information, Manufacturing Base and Competitors

Table 116. HONDA Major Business

Table 117. HONDA Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 118. HONDA Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. HONDA Recent Developments/Updates

Table 120. HONDA Competitive Strengths & Weaknesses

Table 121. Porvair Basic Information, Manufacturing Base and Competitors

Table 122. Porvair Major Business

Table 123. Porvair Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 124. Porvair Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Porvair Recent Developments/Updates

Table 126. Porvair Competitive Strengths & Weaknesses

Table 127. ORNL Basic Information, Manufacturing Base and Competitors

Table 128. ORNL Major Business

Table 129. ORNL Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 130. ORNL Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. ORNL Recent Developments/Updates

Table 132. ORNL Competitive Strengths & Weaknesses

Table 133. Chery Automobile Basic Information, Manufacturing Base and Competitors

Table 134. Chery Automobile Major Business

Table 135. Chery Automobile Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 136. Chery Automobile Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. Chery Automobile Recent Developments/Updates

Table 138. Chery Automobile Competitive Strengths & Weaknesses

Table 139. Shanghai Hongfeng Basic Information, Manufacturing Base and Competitors

Table 140. Shanghai Hongfeng Major Business

Table 141. Shanghai Hongfeng Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 142. Shanghai Hongfeng Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Shanghai Hongfeng Recent Developments/Updates

Table 144. Shanghai Hongfeng Competitive Strengths & Weaknesses

Table 145. SUNRISE POWER Basic Information, Manufacturing Base and Competitors

Table 146. SUNRISE POWER Major Business

Table 147. SUNRISE POWER Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 148. SUNRISE POWER Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 149. SUNRISE POWER Recent Developments/Updates

Table 150. SUNRISE POWER Competitive Strengths & Weaknesses

Table 151. Kyushu Basic Information, Manufacturing Base and Competitors

Table 152. Kyushu Major Business

Table 153. Kyushu Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 154. Kyushu Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Kyushu Recent Developments/Updates

Table 156. Kyushu Competitive Strengths & Weaknesses

Table 157. Advanced Technology & Materials Basic Information, Manufacturing Base and Competitors

Table 158. Advanced Technology & Materials Major Business

Table 159. Advanced Technology & Materials Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 160. Advanced Technology & Materials Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. Advanced Technology & Materials Recent Developments/Updates

Table 162. ZHIZHEN NEW ENERGY Basic Information, Manufacturing Base and Competitors

Table 163. ZHIZHEN NEW ENERGY Major Business

Table 164. ZHIZHEN NEW ENERGY Carbon Composite Bipolar Plates for Fuel Cells Product and Services

Table 165. ZHIZHEN NEW ENERGY Carbon Composite Bipolar Plates for Fuel Cells Production (Tons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 166. Global Key Players of Carbon Composite Bipolar Plates for Fuel Cells Upstream (Raw Materials)

Table 167. Carbon Composite Bipolar Plates for Fuel Cells Typical Customers

Table 168. Carbon Composite Bipolar Plates for Fuel Cells Typical Distributors

## List Of Figures

### LIST OF FIGURES

- Figure 1. Carbon Composite Bipolar Plates for Fuel Cells Picture
- Figure 2. World Carbon Composite Bipolar Plates for Fuel Cells Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Carbon Composite Bipolar Plates for Fuel Cells Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029) & (Tons)
- Figure 5. World Carbon Composite Bipolar Plates for Fuel Cells Average Price (2018-2029) & (US\$/Ton)
- Figure 6. World Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share by Region (2018-2029)
- Figure 7. World Carbon Composite Bipolar Plates for Fuel Cells Production Market Share by Region (2018-2029)
- Figure 8. North America Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029) & (Tons)
- Figure 9. Europe Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029) & (Tons)
- Figure 10. China Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029) & (Tons)
- Figure 11. Japan Carbon Composite Bipolar Plates for Fuel Cells Production (2018-2029) & (Tons)
- Figure 12. Carbon Composite Bipolar Plates for Fuel Cells Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)
- Figure 15. World Carbon Composite Bipolar Plates for Fuel Cells Consumption Market Share by Region (2018-2029)
- Figure 16. United States Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)
- Figure 17. China Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)
- Figure 18. Europe Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)
- Figure 19. Japan Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)

Figure 20. South Korea Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)

Figure 21. ASEAN Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)

Figure 22. India Carbon Composite Bipolar Plates for Fuel Cells Consumption (2018-2029) & (Tons)

Figure 23. Producer Shipments of Carbon Composite Bipolar Plates for Fuel Cells by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Carbon Composite Bipolar Plates for Fuel Cells Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Carbon Composite Bipolar Plates for Fuel Cells Markets in 2022

Figure 26. United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Carbon Composite Bipolar Plates for Fuel Cells Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Market Share 2022

Figure 30. China Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Carbon Composite Bipolar Plates for Fuel Cells Production Market Share 2022

Figure 32. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share by Type in 2022

Figure 34. Small

Figure 35. Medium

Figure 36. Large

Figure 37. World Carbon Composite Bipolar Plates for Fuel Cells Production Market Share by Type (2018-2029)

Figure 38. World Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share by Type (2018-2029)

Figure 39. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Type (2018-2029) & (US\$/Ton)

Figure 40. World Carbon Composite Bipolar Plates for Fuel Cells Production Value by Application, (USD Million), 2018 & 2022 & 2029



Figure 41. World Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share by Application in 2022

Figure 42. Proton Exchange Membrane Cell (PEMFC)

Figure 43. Alkaline Fuel Cell (AFC)

Figure 44. Phosphoric Acid Fuel Cell (PAFC)

Figure 45. Molten Carbonate Fuel Cell (MCFC)

Figure 46. Solid Oxide Fuel Cell (SOFC)

Figure 47. Direct Methanol Fuel Cell (DMFC)

Figure 48. World Carbon Composite Bipolar Plates for Fuel Cells Production Market Share by Application (2018-2029)

Figure 49. World Carbon Composite Bipolar Plates for Fuel Cells Production Value Market Share by Application (2018-2029)

Figure 50. World Carbon Composite Bipolar Plates for Fuel Cells Average Price by Application (2018-2029) & (US\$/Ton)

Figure 51. Carbon Composite Bipolar Plates for Fuel Cells Industry Chain

Figure 52. Carbon Composite Bipolar Plates for Fuel Cells Procurement Model

Figure 53. Carbon Composite Bipolar Plates for Fuel Cells Sales Model

Figure 54. Carbon Composite Bipolar Plates for Fuel Cells Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

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