

Global Graphite Bipolar Plates for PEM Fuel Cells Market Growth 2023-2029

<https://marketpublishers.com/r/G2ABC107291AEN.html>

Date: March 2023

Pages: 97

Price: US\$ 3,660.00 (Single User License)

ID: G2ABC107291AEN

Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

LPI (LP Information)' newest research report, the “Graphite Bipolar Plates for PEM Fuel Cells Industry Forecast” looks at past sales and reviews total world Graphite Bipolar Plates for PEM Fuel Cells sales in 2022, providing a comprehensive analysis by region and market sector of projected Graphite Bipolar Plates for PEM Fuel Cells sales for 2023 through 2029. With Graphite Bipolar Plates for PEM Fuel Cells sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Graphite Bipolar Plates for PEM Fuel Cells industry.

This Insight Report provides a comprehensive analysis of the global Graphite Bipolar Plates for PEM Fuel Cells landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Graphite Bipolar Plates for PEM Fuel Cells portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Graphite Bipolar Plates for PEM Fuel Cells market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Graphite Bipolar Plates for PEM Fuel Cells and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Graphite Bipolar Plates for PEM Fuel Cells.

The global Graphite Bipolar Plates for PEM Fuel Cells market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Graphite Bipolar Plates for PEM Fuel Cells is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Graphite Bipolar Plates for PEM Fuel Cells is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Graphite Bipolar Plates for PEM Fuel Cells is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Graphite Bipolar Plates for PEM Fuel Cells players cover Schunk Group, Ballard, Dongguan Jiecheng Graphite Product Co, Shanghai Hongjun, Hunan Zenpon Hydrogen Energy Technology and Zhejiang Harog Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Graphite Bipolar Plates for PEM Fuel Cells market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Traditional Graphite

Expanded Graphite

Segmentation by application

Electric Vehicles

Energy Storage

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Schunk Group

Ballard

Dongguan Jiecheng Graphite Product Co

Shanghai Hongjun

Hunan Zenpon Hydrogen Energy Technology

Zhejiang Harog Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Graphite Bipolar Plates for PEM Fuel Cells market?

What factors are driving Graphite Bipolar Plates for PEM Fuel Cells market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Graphite Bipolar Plates for PEM Fuel Cells market opportunities vary by end market size?

How does Graphite Bipolar Plates for PEM Fuel Cells break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Graphite Bipolar Plates for PEM Fuel Cells by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Graphite Bipolar Plates for PEM Fuel Cells by Country/Region, 2018, 2022 & 2029

2.2 Graphite Bipolar Plates for PEM Fuel Cells Segment by Type

- 2.2.1 Traditional Graphite
- 2.2.2 Expanded Graphite

2.3 Graphite Bipolar Plates for PEM Fuel Cells Sales by Type

- 2.3.1 Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Type (2018-2023)
- 2.3.2 Global Graphite Bipolar Plates for PEM Fuel Cells Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Graphite Bipolar Plates for PEM Fuel Cells Sale Price by Type (2018-2023)

2.4 Graphite Bipolar Plates for PEM Fuel Cells Segment by Application

- 2.4.1 Electric Vehicles
- 2.4.2 Energy Storage
- 2.4.3 Others

2.5 Graphite Bipolar Plates for PEM Fuel Cells Sales by Application

- 2.5.1 Global Graphite Bipolar Plates for PEM Fuel Cells Sale Market Share by Application (2018-2023)
- 2.5.2 Global Graphite Bipolar Plates for PEM Fuel Cells Revenue and Market Share by

Application (2018-2023)

2.5.3 Global Graphite Bipolar Plates for PEM Fuel Cells Sale Price by Application (2018-2023)

3 GLOBAL GRAPHITE BIPOLAR PLATES FOR PEM FUEL CELLS BY COMPANY

3.1 Global Graphite Bipolar Plates for PEM Fuel Cells Breakdown Data by Company

3.1.1 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Sales by Company (2018-2023)

3.1.2 Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Company (2018-2023)

3.2 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Revenue by Company (2018-2023)

3.2.1 Global Graphite Bipolar Plates for PEM Fuel Cells Revenue by Company (2018-2023)

3.2.2 Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Company (2018-2023)

3.3 Global Graphite Bipolar Plates for PEM Fuel Cells Sale Price by Company

3.4 Key Manufacturers Graphite Bipolar Plates for PEM Fuel Cells Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Graphite Bipolar Plates for PEM Fuel Cells Product Location Distribution

3.4.2 Players Graphite Bipolar Plates for PEM Fuel Cells Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR GRAPHITE BIPOLAR PLATES FOR PEM FUEL CELLS BY GEOGRAPHIC REGION

4.1 World Historic Graphite Bipolar Plates for PEM Fuel Cells Market Size by Geographic Region (2018-2023)

4.1.1 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Graphite Bipolar Plates for PEM Fuel Cells Market Size by

Country/Region (2018-2023)

4.2.1 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Sales by Country/Region (2018-2023)

4.2.2 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Revenue by Country/Region (2018-2023)

4.3 Americas Graphite Bipolar Plates for PEM Fuel Cells Sales Growth

4.4 APAC Graphite Bipolar Plates for PEM Fuel Cells Sales Growth

4.5 Europe Graphite Bipolar Plates for PEM Fuel Cells Sales Growth

4.6 Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales Growth

5 AMERICAS

5.1 Americas Graphite Bipolar Plates for PEM Fuel Cells Sales by Country

5.1.1 Americas Graphite Bipolar Plates for PEM Fuel Cells Sales by Country (2018-2023)

5.1.2 Americas Graphite Bipolar Plates for PEM Fuel Cells Revenue by Country (2018-2023)

5.2 Americas Graphite Bipolar Plates for PEM Fuel Cells Sales by Type

5.3 Americas Graphite Bipolar Plates for PEM Fuel Cells Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Graphite Bipolar Plates for PEM Fuel Cells Sales by Region

6.1.1 APAC Graphite Bipolar Plates for PEM Fuel Cells Sales by Region (2018-2023)

6.1.2 APAC Graphite Bipolar Plates for PEM Fuel Cells Revenue by Region (2018-2023)

6.2 APAC Graphite Bipolar Plates for PEM Fuel Cells Sales by Type

6.3 APAC Graphite Bipolar Plates for PEM Fuel Cells Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Graphite Bipolar Plates for PEM Fuel Cells by Country

7.1.1 Europe Graphite Bipolar Plates for PEM Fuel Cells Sales by Country (2018-2023)

7.1.2 Europe Graphite Bipolar Plates for PEM Fuel Cells Revenue by Country (2018-2023)

7.2 Europe Graphite Bipolar Plates for PEM Fuel Cells Sales by Type

7.3 Europe Graphite Bipolar Plates for PEM Fuel Cells Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells by Country

8.1.1 Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales by Country (2018-2023)

8.1.2 Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Revenue by Country (2018-2023)

8.2 Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales by Type

8.3 Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Graphite Bipolar Plates for PEM Fuel Cells

10.3 Manufacturing Process Analysis of Graphite Bipolar Plates for PEM Fuel Cells

10.4 Industry Chain Structure of Graphite Bipolar Plates for PEM Fuel Cells

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Graphite Bipolar Plates for PEM Fuel Cells Distributors

11.3 Graphite Bipolar Plates for PEM Fuel Cells Customer

12 WORLD FORECAST REVIEW FOR GRAPHITE BIPOLAR PLATES FOR PEM FUEL CELLS BY GEOGRAPHIC REGION

12.1 Global Graphite Bipolar Plates for PEM Fuel Cells Market Size Forecast by Region

12.1.1 Global Graphite Bipolar Plates for PEM Fuel Cells Forecast by Region (2024-2029)

12.1.2 Global Graphite Bipolar Plates for PEM Fuel Cells Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Graphite Bipolar Plates for PEM Fuel Cells Forecast by Type

12.7 Global Graphite Bipolar Plates for PEM Fuel Cells Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Schunk Group

13.1.1 Schunk Group Company Information

13.1.2 Schunk Group Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications

13.1.3 Schunk Group Graphite Bipolar Plates for PEM Fuel Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 Schunk Group Main Business Overview

- 13.1.5 Schunk Group Latest Developments
- 13.2 Ballard
 - 13.2.1 Ballard Company Information
 - 13.2.2 Ballard Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications
 - 13.2.3 Ballard Graphite Bipolar Plates for PEM Fuel Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.2.4 Ballard Main Business Overview
 - 13.2.5 Ballard Latest Developments
- 13.3 Dongguan Jiecheng Graphite Product Co
 - 13.3.1 Dongguan Jiecheng Graphite Product Co Company Information
 - 13.3.2 Dongguan Jiecheng Graphite Product Co Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications
 - 13.3.3 Dongguan Jiecheng Graphite Product Co Graphite Bipolar Plates for PEM Fuel Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.3.4 Dongguan Jiecheng Graphite Product Co Main Business Overview
 - 13.3.5 Dongguan Jiecheng Graphite Product Co Latest Developments
- 13.4 Shanghai Hongjun
 - 13.4.1 Shanghai Hongjun Company Information
 - 13.4.2 Shanghai Hongjun Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications
 - 13.4.3 Shanghai Hongjun Graphite Bipolar Plates for PEM Fuel Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.4.4 Shanghai Hongjun Main Business Overview
 - 13.4.5 Shanghai Hongjun Latest Developments
- 13.5 Hunan Zenpon Hydrogen Energy Technology
 - 13.5.1 Hunan Zenpon Hydrogen Energy Technology Company Information
 - 13.5.2 Hunan Zenpon Hydrogen Energy Technology Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications
 - 13.5.3 Hunan Zenpon Hydrogen Energy Technology Graphite Bipolar Plates for PEM Fuel Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.5.4 Hunan Zenpon Hydrogen Energy Technology Main Business Overview
 - 13.5.5 Hunan Zenpon Hydrogen Energy Technology Latest Developments
- 13.6 Zhejiang Harog Technology
 - 13.6.1 Zhejiang Harog Technology Company Information
 - 13.6.2 Zhejiang Harog Technology Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications
 - 13.6.3 Zhejiang Harog Technology Graphite Bipolar Plates for PEM Fuel Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Zhejiang Harog Technology Main Business Overview

13.6.5 Zhejiang Harog Technology Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Graphite Bipolar Plates for PEM Fuel Cells Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Graphite Bipolar Plates for PEM Fuel Cells Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Traditional Graphite

Table 4. Major Players of Expanded Graphite

Table 5. Global Graphite Bipolar Plates for PEM Fuel Cells Sales by Type (2018-2023) & (Kiloton)

Table 6. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Type (2018-2023)

Table 7. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue by Type (2018-2023) & (\$ million)

Table 8. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Type (2018-2023)

Table 9. Global Graphite Bipolar Plates for PEM Fuel Cells Sale Price by Type (2018-2023) & (US\$/Ton)

Table 10. Global Graphite Bipolar Plates for PEM Fuel Cells Sales by Application (2018-2023) & (Kiloton)

Table 11. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Application (2018-2023)

Table 12. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue by Application (2018-2023)

Table 13. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Application (2018-2023)

Table 14. Global Graphite Bipolar Plates for PEM Fuel Cells Sale Price by Application (2018-2023) & (US\$/Ton)

Table 15. Global Graphite Bipolar Plates for PEM Fuel Cells Sales by Company (2018-2023) & (Kiloton)

Table 16. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Company (2018-2023)

Table 17. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Company (2018-2023)

Table 19. Global Graphite Bipolar Plates for PEM Fuel Cells Sale Price by Company

(2018-2023) & (US\$/Ton)

Table 20. Key Manufacturers Graphite Bipolar Plates for PEM Fuel Cells Producing Area Distribution and Sales Area

Table 21. Players Graphite Bipolar Plates for PEM Fuel Cells Products Offered

Table 22. Graphite Bipolar Plates for PEM Fuel Cells Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Graphite Bipolar Plates for PEM Fuel Cells Sales by Geographic Region (2018-2023) & (Kiloton)

Table 26. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share Geographic Region (2018-2023)

Table 27. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global Graphite Bipolar Plates for PEM Fuel Cells Sales by Country/Region (2018-2023) & (Kiloton)

Table 30. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Country/Region (2018-2023)

Table 31. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Country/Region (2018-2023)

Table 33. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales by Country (2018-2023) & (Kiloton)

Table 34. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Country (2018-2023)

Table 35. Americas Graphite Bipolar Plates for PEM Fuel Cells Revenue by Country (2018-2023) & (\$ Millions)

Table 36. Americas Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Country (2018-2023)

Table 37. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales by Type (2018-2023) & (Kiloton)

Table 38. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales by Application (2018-2023) & (Kiloton)

Table 39. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales by Region (2018-2023) & (Kiloton)

Table 40. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by

Region (2018-2023)

Table 41. APAC Graphite Bipolar Plates for PEM Fuel Cells Revenue by Region (2018-2023) & (\$ Millions)

Table 42. APAC Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Region (2018-2023)

Table 43. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales by Type (2018-2023) & (Kiloton)

Table 44. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales by Application (2018-2023) & (Kiloton)

Table 45. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales by Country (2018-2023) & (Kiloton)

Table 46. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Country (2018-2023)

Table 47. Europe Graphite Bipolar Plates for PEM Fuel Cells Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Country (2018-2023)

Table 49. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales by Type (2018-2023) & (Kiloton)

Table 50. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales by Application (2018-2023) & (Kiloton)

Table 51. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales by Country (2018-2023) & (Kiloton)

Table 52. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales by Type (2018-2023) & (Kiloton)

Table 56. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales by Application (2018-2023) & (Kiloton)

Table 57. Key Market Drivers & Growth Opportunities of Graphite Bipolar Plates for PEM Fuel Cells

Table 58. Key Market Challenges & Risks of Graphite Bipolar Plates for PEM Fuel Cells

Table 59. Key Industry Trends of Graphite Bipolar Plates for PEM Fuel Cells

Table 60. Graphite Bipolar Plates for PEM Fuel Cells Raw Material

Table 61. Key Suppliers of Raw Materials

- Table 62. Graphite Bipolar Plates for PEM Fuel Cells Distributors List
- Table 63. Graphite Bipolar Plates for PEM Fuel Cells Customer List
- Table 64. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Forecast by Region (2024-2029) & (Kiloton)
- Table 65. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 66. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales Forecast by Country (2024-2029) & (Kiloton)
- Table 67. Americas Graphite Bipolar Plates for PEM Fuel Cells Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 68. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales Forecast by Region (2024-2029) & (Kiloton)
- Table 69. APAC Graphite Bipolar Plates for PEM Fuel Cells Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 70. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales Forecast by Country (2024-2029) & (Kiloton)
- Table 71. Europe Graphite Bipolar Plates for PEM Fuel Cells Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 72. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales Forecast by Country (2024-2029) & (Kiloton)
- Table 73. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Forecast by Type (2024-2029) & (Kiloton)
- Table 75. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 76. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Forecast by Application (2024-2029) & (Kiloton)
- Table 77. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 78. Schunk Group Basic Information, Graphite Bipolar Plates for PEM Fuel Cells Manufacturing Base, Sales Area and Its Competitors
- Table 79. Schunk Group Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications
- Table 80. Schunk Group Graphite Bipolar Plates for PEM Fuel Cells Sales (Kiloton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)
- Table 81. Schunk Group Main Business
- Table 82. Schunk Group Latest Developments
- Table 83. Ballard Basic Information, Graphite Bipolar Plates for PEM Fuel Cells

Manufacturing Base, Sales Area and Its Competitors

Table 84. Ballard Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications

Table 85. Ballard Graphite Bipolar Plates for PEM Fuel Cells Sales (Kilaton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 86. Ballard Main Business

Table 87. Ballard Latest Developments

Table 88. Dongguan Jiecheng Graphite Product Co Basic Information, Graphite Bipolar Plates for PEM Fuel Cells Manufacturing Base, Sales Area and Its Competitors

Table 89. Dongguan Jiecheng Graphite Product Co Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications

Table 90. Dongguan Jiecheng Graphite Product Co Graphite Bipolar Plates for PEM Fuel Cells Sales (Kilaton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 91. Dongguan Jiecheng Graphite Product Co Main Business

Table 92. Dongguan Jiecheng Graphite Product Co Latest Developments

Table 93. Shanghai Hongjun Basic Information, Graphite Bipolar Plates for PEM Fuel Cells Manufacturing Base, Sales Area and Its Competitors

Table 94. Shanghai Hongjun Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications

Table 95. Shanghai Hongjun Graphite Bipolar Plates for PEM Fuel Cells Sales (Kilaton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 96. Shanghai Hongjun Main Business

Table 97. Shanghai Hongjun Latest Developments

Table 98. Hunan Zenpon Hydrogen Energy Technology Basic Information, Graphite Bipolar Plates for PEM Fuel Cells Manufacturing Base, Sales Area and Its Competitors

Table 99. Hunan Zenpon Hydrogen Energy Technology Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications

Table 100. Hunan Zenpon Hydrogen Energy Technology Graphite Bipolar Plates for PEM Fuel Cells Sales (Kilaton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 101. Hunan Zenpon Hydrogen Energy Technology Main Business

Table 102. Hunan Zenpon Hydrogen Energy Technology Latest Developments

Table 103. Zhejiang Harog Technology Basic Information, Graphite Bipolar Plates for PEM Fuel Cells Manufacturing Base, Sales Area and Its Competitors

Table 104. Zhejiang Harog Technology Graphite Bipolar Plates for PEM Fuel Cells Product Portfolios and Specifications

Table 105. Zhejiang Harog Technology Graphite Bipolar Plates for PEM Fuel Cells Sales (Kilaton), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2018-2023)

Table 106. Zhejiang Harog Technology Main Business

Table 107. Zhejiang Harog Technology Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Graphite Bipolar Plates for PEM Fuel Cells

Figure 2. Graphite Bipolar Plates for PEM Fuel Cells Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Growth Rate 2018-2029 (Kiloton)

Figure 7. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. Graphite Bipolar Plates for PEM Fuel Cells Sales by Region (2018, 2022 & 2029) & (\$ Millions)

Figure 9. Product Picture of Traditional Graphite

Figure 10. Product Picture of Expanded Graphite

Figure 11. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Type in 2022

Figure 12. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Type (2018-2023)

Figure 13. Graphite Bipolar Plates for PEM Fuel Cells Consumed in Electric Vehicles

Figure 14. Global Graphite Bipolar Plates for PEM Fuel Cells Market: Electric Vehicles (2018-2023) & (Kiloton)

Figure 15. Graphite Bipolar Plates for PEM Fuel Cells Consumed in Energy Storage

Figure 16. Global Graphite Bipolar Plates for PEM Fuel Cells Market: Energy Storage (2018-2023) & (Kiloton)

Figure 17. Graphite Bipolar Plates for PEM Fuel Cells Consumed in Others

Figure 18. Global Graphite Bipolar Plates for PEM Fuel Cells Market: Others (2018-2023) & (Kiloton)

Figure 19. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Application (2022)

Figure 20. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Application in 2022

Figure 21. Graphite Bipolar Plates for PEM Fuel Cells Sales Market by Company in 2022 (Kiloton)

Figure 22. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Company in 2022

Figure 23. Graphite Bipolar Plates for PEM Fuel Cells Revenue Market by Company in

2022 (\$ Million)

Figure 24. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Company in 2022

Figure 25. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Geographic Region (2018-2023)

Figure 26. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Geographic Region in 2022

Figure 27. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales 2018-2023 (Kiloton)

Figure 28. Americas Graphite Bipolar Plates for PEM Fuel Cells Revenue 2018-2023 (\$ Millions)

Figure 29. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales 2018-2023 (Kiloton)

Figure 30. APAC Graphite Bipolar Plates for PEM Fuel Cells Revenue 2018-2023 (\$ Millions)

Figure 31. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales 2018-2023 (Kiloton)

Figure 32. Europe Graphite Bipolar Plates for PEM Fuel Cells Revenue 2018-2023 (\$ Millions)

Figure 33. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales 2018-2023 (Kiloton)

Figure 34. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Revenue 2018-2023 (\$ Millions)

Figure 35. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Country in 2022

Figure 36. Americas Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Country in 2022

Figure 37. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Type (2018-2023)

Figure 38. Americas Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Application (2018-2023)

Figure 39. United States Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 40. Canada Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 41. Mexico Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 42. Brazil Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 43. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by

Region in 2022

Figure 44. APAC Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Regions in 2022

Figure 45. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Type (2018-2023)

Figure 46. APAC Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Application (2018-2023)

Figure 47. China Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 48. Japan Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 49. South Korea Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 50. Southeast Asia Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 51. India Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Australia Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 53. China Taiwan Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Country in 2022

Figure 55. Europe Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Country in 2022

Figure 56. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Type (2018-2023)

Figure 57. Europe Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Application (2018-2023)

Figure 58. Germany Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 59. France Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 60. UK Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 61. Italy Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 62. Russia Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 63. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Country in 2022

Figure 64. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share by Country in 2022

Figure 65. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Type (2018-2023)

Figure 66. Middle East & Africa Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share by Application (2018-2023)

Figure 67. Egypt Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 68. South Africa Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 69. Israel Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 70. Turkey Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 71. GCC Country Graphite Bipolar Plates for PEM Fuel Cells Revenue Growth 2018-2023 (\$ Millions)

Figure 72. Manufacturing Cost Structure Analysis of Graphite Bipolar Plates for PEM Fuel Cells in 2022

Figure 73. Manufacturing Process Analysis of Graphite Bipolar Plates for PEM Fuel Cells

Figure 74. Industry Chain Structure of Graphite Bipolar Plates for PEM Fuel Cells

Figure 75. Channels of Distribution

Figure 76. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Forecast by Region (2024-2029)

Figure 77. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share Forecast by Region (2024-2029)

Figure 78. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share Forecast by Type (2024-2029)

Figure 79. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share Forecast by Type (2024-2029)

Figure 80. Global Graphite Bipolar Plates for PEM Fuel Cells Sales Market Share Forecast by Application (2024-2029)

Figure 81. Global Graphite Bipolar Plates for PEM Fuel Cells Revenue Market Share Forecast by Application (2024-2029)

I would like to order

Product name: Global Graphite Bipolar Plates for PEM Fuel Cells Market Growth 2023-2029

Product link: <https://marketpublishers.com/r/G2ABC107291AEN.html>

Price: US\$ 3,660.00 (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/G2ABC107291AEN.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