

Global Bipolar Plates Market Research Report 2022

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Abstracts

The global Bipolar Plates market was valued at 309.15 Million USD in 2021 and will grow with a CAGR of 14.89% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography (North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

Bipolar Plates are one of the core components of the fuel cells, which accounts for a large portion of the quality and cost of the battery pack. It is responsible for the functions of uniform distribution of reaction gas, conduction of current, and series of single cells. Asia-Pacific is the world's largest market for Bipolar Plates, accounting for about 45% of the global market share. It was followed by Europe, which accounted for about 25%. Dana was the leader manufacture of Bipolar Plates industry, with a nearly 15% market share. Top 5 companies hold about 30% market share in total. The classification of Bipolar Plates includes Graphite, Metal and Composite. The market share of Graphite is more than 40%. Bipolar Plates is widely used in Proton Exchange Membrane Fuel Cells (PEMFC), Solid Oxide Fuel Cells (SOFC), Molten Carbonate Fuel Cells (MCFC), Phosphoric Acid Fuel Cells (PAFC) and other field. The most proportion of the market is PEMFC, and the sales proportion is about 70%.

By Market Vendors:

Dana

Cell Impact

Schunk Group

Nisshinbo

FJ Composite

VinaTech (Ace Creation)

LEADTECH International

Dongguan Jiecheng Graphite Products

Shanghai Hongjun

Nantong Zhuolida Metal Technology

Anhui Mingtian Hydrogen Energy Technology

Hunan Zenpon Hydrogen Energy Technology

Shanghai Yoogle Metal Technology

Zhejiang Harog Technology

By Types:

Graphite

Metal

Composite

By Applications:

Proton Exchange Membrane Fuel Cells (PEMFC)

Solid Oxide Fuel Cells (SOFC)

Molten Carbonate Fuel Cells (MCFC)

Phosphoric Acid Fuel Cells (PAFC)

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

Global and Regional Market Analysis: The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

Market Trends: Market key trends which include Increased Competition and Continuous Innovations.

Opportunities and Drivers: Identifying the Growing Demands and New Technology

Porters Five Force Analysis: The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

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