

Global Carbon Fibre Composites for eVTOL Market Growth 2024-2030

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Abstracts

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Carbon fibre composite material for eVTOL is a structural material for electric vertical takeoff and landing vehicles. It is a composite material made of carbon fibre and resin, which is lightweight, high-strength and corrosion-resistant, and is suitable for the manufacture of various components of eVTOL vehicles, such as wings, fuselage, propellers, etc. The advantages of using carbon fibre composites for eVTOL vehicles are that it can reduce the overall weight of the vehicle, improve flight efficiency and range, and also provide better flight performance and safety.

The global Carbon Fibre Composites for eVTOL market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Carbon Fibre Composites for eVTOL Industry Forecast" looks at past sales and reviews total world Carbon Fibre Composites for eVTOL sales in 2023, providing a comprehensive analysis by region and market sector of projected Carbon Fibre Composites for eVTOL sales for 2024 through 2030. With Carbon Fibre Composites for eVTOL sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Carbon Fibre Composites for eVTOL industry.

This Insight Report provides a comprehensive analysis of the global Carbon Fibre Composites for eVTOL 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 Carbon Fibre Composites for eVTOL portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Carbon Fibre Composites for eVTOL market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Carbon Fibre Composites for eVTOL 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 Carbon Fibre Composites for eVTOL.

According to research team research statistics, the global eVTOL (Electric Vertical Take-off and Landing Aircraft) market sales reached \$0.08 billion in 2023 and is expected to reach \$79.6 billion by 2030, at a Compound Annual Growth Rate (CAGR) of 184.3% (2024-2030).

This report presents a comprehensive overview, market shares, and growth opportunities of Carbon Fibre Composites for eVTOL market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Resin Matrix Composites

Carbon Matrix Composites

Metal Matrix Composites

Ceramic Matrix Composites

Rubber Matrix Composites

Others

Segmentation by Application:

Wings and Propellers

Cabin and Interior

Fuselage

Other

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 analysing the company's coverage, product portfolio, its market penetration.

Toray

Hexcel

Solvay

Guangwei Composite

Hower Material

Noen

Zhongfu Shenying Carbon Fiber

Embraer

Long Aerospace Composite Material

Mitsubishi Chemical

Nippon Graphite Fiber Corporation

SGL Group

Teijin Limited

Key Questions Addressed in this Report

What is the 10-year outlook for the global Carbon Fibre Composites for eVTOL market?

What factors are driving Carbon Fibre Composites for eVTOL market growth, globally and by region?

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

How do Carbon Fibre Composites for eVTOL market opportunities vary by end market size?

How does Carbon Fibre Composites for eVTOL break out by Type, by Application?

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