

Carbon Fiber Market Size, Share, and Analysis, By Type (Equipment, Systems, Services), By Application (Utility-Scale, Commercial & Industrial, Residential), By End-User (Power Generation, Industrial, Government & Public Sector, Others), By Region (North America, Europe, Asia-Pacific, Middle East & Africa, and Latin America) and Regional Forecast 2026–2035

<https://marketpublishers.com/r/C75CA80B2837EN.html>

Date: August 2026

Pages: 500

Price: US\$ 4,260.00 (Single User License)

ID: C75CA80B2837EN

Abstracts

Carbon Fiber Market was valued at USD \$360 million in 2026 and is projected to reach USD \$1.00 billion by 2035, registering a CAGR of 12.0% across the forecast period. The Carbon Fiber Market continues to expand as rising cross-industry adoption, expanding regulatory clarity, and growing capital investment across both developed and emerging markets reshape demand across the value chain.

“Equipment is projected to hold the largest share of the Carbon Fiber Market through 2035.” This segment continues to gain traction owing to strong existing adoption, favorable total cost of ownership, and vendors bundling advisory and integration services around it to lengthen customer relationships within the Carbon Fiber Market.

“Power Generation is likely to remain the leading end-user segment of the Carbon Fiber Market.” Budget cycles among these buyers are lengthening as procurement teams weigh total cost of ownership more heavily than upfront price, reshaping how vendors package and price carbon fiber offerings for 2026-2035.

“North America is projected to be the fastest-growing region in the carbon fiber market between 2026 and 2035.” North America outpaces other regions on the back of established regulatory frameworks, high per-capita technology spend, and early adoption by large enterprises.

Market Segmentation:

By Type: Equipment, Systems, Services

By Application: Utility-Scale, Commercial & Industrial, Residential

By End-User: Power Generation, Industrial, Government & Public Sector, Others

By Region: North America, Europe, Asia-Pacific, Middle East & Africa, Latin America

This report on the Carbon Fiber Market combines primary and secondary research, triangulated using a bottom-up and top-down approach. Secondary research (~55% of data inputs) drew on paid industry databases, company filings, regulatory data, and trade association statistics. Primary research (~45%) consisted of structured expert interviews with senior executives, product managers, and channel partners across the value chain, used to validate assumptions and surface trends not visible in published data.

Primary interviews substantiate the findings: By Company Type – Tier 1 36%, Tier 2 28%, Tier 3 36%; By Designation – C-level 33%, Directors 29%, Others 38%; By Region – North America 34%, Europe 20%, Asia Pacific 28%, Middle East & Africa 10%, South America 8%.

Key Players active in the Carbon Fiber Market:

Siemens Energy AG

General Electric Company

Schneider Electric SE

ABB Ltd.

TotalEnergies SE

Shell plc

NextEra Energy Inc.

Strategies observed across these players span product innovation, capacity expansion, and partnerships with channel and technology allies to defend share as new entrants emerge.

Research Coverage: The study defines, segments, and forecasts the Carbon Fiber Market by type, application, end-user, and region, with qualitative insight into regulatory context, supply-chain dynamics, pricing trends, and competitive positioning.

Key Benefits of Buying the Report: (1) Identify growth pockets aligned with 2026-2035 demand signals across the Carbon Fiber Market; (2) Understand the drivers and restraints shaping adoption through the forecast period; (3) Size opportunities in underpenetrated segments and geographies; (4) Anticipate execution risks tied to regulatory shifts and procurement-cycle timing.

Market Developments: The period 2026-2035 is characterized by consolidation among established players, rising investment from new entrants targeting adjacent price tiers, and growing buyer preference for vendors offering integrated, service-attached carbon fiber solutions.

Fatpos Global – Why You Should Purchase This Carbon Fiber Market Report: Access decision-grade analytics built on triangulated primary and secondary research; benchmark competitors with comparative scorecards; and translate insights into sales narratives and partnership plays that improve win rates.

Contents

1. EXECUTIVE SUMMARY

- 1.1. Market Share Overview
- 1.2. Business Trends
- 1.3. Carbon Fiber Market: Post-Pandemic & Macroeconomic Outlook
- 1.4. Key Trends
- 1.5. Segmentation Snapshot

2. RESEARCH METHODOLOGY

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
 - 2.5.1. Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3. MARKET CHARACTERISTICS

- 3.1. Market Definition
- 3.2. Carbon Fiber Market: Regulatory & Policy Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

4. CARBON FIBER MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2. Supply Chain / Value Chain Analysis
- 4.3. Industry Ecosystem & Channel Analysis
- 4.4. Innovation & Sustainability

5. MACROECONOMIC INDICATORS

6. RECENT DEVELOPMENTS

7. MARKET DYNAMICS

- 7.1. Introduction
- 7.2. Growth Drivers
- 7.3. Market Opportunities
- 7.4. Market Restraints
- 7.5. Market Trends

8. RISK ANALYSIS

9. MARKET ANALYSIS

- 9.1. Porter's Five Forces
- 9.2. PEST Analysis
 - 9.2.1. Political
 - 9.2.2. Economic
 - 9.2.3. Social
 - 9.2.4. Technological

10. CARBON FIBER MARKET

- 10.1. Overview
- 10.2. Historical Analysis (2021-2025)
 - 10.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

11. CARBON FIBER MARKET SIZE & FORECAST 2026A-2035F

- 11.1. Overview
- 11.2. Key Findings
- 11.3. Market Segmentation
 - 11.3.1. By Type
 - 11.3.1.1. Equipment
 - 11.3.1.1.1. By Value (USD Million) 2026-2035F
 - 11.3.1.1.2. Market Share (%) 2026-2035F
 - 11.3.1.1.3. Y-o-Y Growth (%) 2026-2035F
 - 11.3.1.2. Systems
 - 11.3.1.2.1. By Value (USD Million) 2026-2035F
 - 11.3.1.2.2. Market Share (%) 2026-2035F

- 11.3.1.2.3. Y-o-Y Growth (%) 2026-2035F
- 11.3.1.3. Services
 - 11.3.1.3.1. By Value (USD Million) 2026-2035F
 - 11.3.1.3.2. Market Share (%) 2026-2035F
 - 11.3.1.3.3. Y-o-Y Growth (%) 2026-2035F
- 11.3.2. By Application
 - 11.3.2.1. Utility-Scale
 - 11.3.2.1.1. By Value (USD Million) 2026-2035F
 - 11.3.2.1.2. Market Share (%) 2026-2035F
 - 11.3.2.1.3. Y-o-Y Growth (%) 2026-2035F
 - 11.3.2.2. Commercial & Industrial
 - 11.3.2.2.1. By Value (USD Million) 2026-2035F
 - 11.3.2.2.2. Market Share (%) 2026-2035F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2026-2035F
 - 11.3.2.3. Residential
 - 11.3.2.3.1. By Value (USD Million) 2026-2035F
 - 11.3.2.3.2. Market Share (%) 2026-2035F
 - 11.3.2.3.3. Y-o-Y Growth (%) 2026-2035F
- 11.3.3. By End-User
 - 11.3.3.1. Power Generation
 - 11.3.3.1.1. By Value (USD Million) 2026-2035F
 - 11.3.3.1.2. Market Share (%) 2026-2035F
 - 11.3.3.1.3. Y-o-Y Growth (%) 2026-2035F
 - 11.3.3.2. Industrial
 - 11.3.3.2.1. By Value (USD Million) 2026-2035F
 - 11.3.3.2.2. Market Share (%) 2026-2035F
 - 11.3.3.2.3. Y-o-Y Growth (%) 2026-2035F
 - 11.3.3.3. Government & Public Sector
 - 11.3.3.3.1. By Value (USD Million) 2026-2035F
 - 11.3.3.3.2. Market Share (%) 2026-2035F
 - 11.3.3.3.3. Y-o-Y Growth (%) 2026-2035F
 - 11.3.3.4. Others
 - 11.3.3.4.1. By Value (USD Million) 2026-2035F
 - 11.3.3.4.2. Market Share (%) 2026-2035F
 - 11.3.3.4.3. Y-o-Y Growth (%) 2026-2035F

12. NORTH AMERICA CARBON FIBER MARKET SIZE & FORECAST 2026A-2035F

12.1. Overview

Carbon Fiber Market Size, Share, and Analysis, By Type (Equipment, Systems, Services), By Application (Utility...

- 12.2. Key Findings
- 12.3. Market Segmentation
 - 12.3.1. By Type
 - 12.3.2. By Application
 - 12.3.3. By End-User
- 12.4. Country
 - 12.4.1. United States
 - 12.4.2. Canada

13. EUROPE CARBON FIBER MARKET SIZE & FORECAST 2026A-2035F

- 13.1. Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
 - 13.3.1. By Type
 - 13.3.2. By Application
 - 13.3.3. By End-User
- 13.4. Country
 - 13.4.1. Germany
 - 13.4.2. United Kingdom
 - 13.4.3. France
 - 13.4.4. Italy
 - 13.4.5. Spain
 - 13.4.6. Rest of Europe (BENELUX, NORDIC, Poland & Turkey)

14. ASIA-PACIFIC CARBON FIBER MARKET SIZE & FORECAST 2026A-2035F

- 14.1. Overview
- 14.2. Key Findings
- 14.3. Market Segmentation
 - 14.3.1. By Type
 - 14.3.2. By Application
 - 14.3.3. By End-User
- 14.4. Country
 - 14.4.1. India
 - 14.4.2. China
 - 14.4.3. Japan
 - 14.4.4. South Korea
 - 14.4.5. Rest of APAC

15. MIDDLE EAST AND AFRICA CARBON FIBER MARKET SIZE & FORECAST 2026A-2035F

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation
 - 15.3.1. By Type
 - 15.3.2. By Application
 - 15.3.3. By End-User
- 15.4. Country
 - 15.4.1. GCC
 - 15.4.2. South Africa
 - 15.4.3. Rest of Middle East and Africa

16. LATIN AMERICA CARBON FIBER MARKET SIZE & FORECAST 2026A-2035F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation
 - 16.3.1. By Type
 - 16.3.2. By Application
 - 16.3.3. By End-User
- 16.4. Country
 - 16.4.1. Brazil
 - 16.4.2. Mexico
 - 16.4.3. Rest of Latin America

17. COMPETITIVE LANDSCAPE

- 17.1. Company Market Share, 2025
- 17.2. Key Player Overview
- 17.3. Key Stakeholders

18. COMPANY PROFILES

- 18.1. Siemens Energy AG
 - 18.1.1. Company Overview
 - 18.1.2. Financial Overview

18.1.3. Key Product / Service Analysis

18.1.4. Company Assessment

18.1.4.1. Product Portfolio

18.1.4.2. Key Clients

18.1.4.3. Market Share

18.1.4.4. Recent News & Development (Last 3 Yrs.)

18.1.4.5. Executive Team

18.2. General Electric Company

18.3. Schneider Electric SE

18.4. ABB Ltd.

18.5. TotalEnergies SE

18.6. Shell plc

18.7. NextEra Energy Inc.

18.8. Ørsted A/S

18.9. Vestas Wind Systems

18.10. First Solar Inc.

18.11. Other Prominent Players

19. APPENDIX

20. CONSULTANT RECOMMENDATION

I would like to order

Product name: Carbon Fiber Market Size, Share, and Analysis, By Type (Equipment, Systems, Services), By Application (Utility-Scale, Commercial & Industrial, Residential), By End-User (Power Generation, Industrial, Government & Public Sector, Others), By Region (North America, Europe, Asia-Pacific, Middle East & Africa, and Latin America) and Regional Forecast 2026–2035

Product link: <https://marketpublishers.com/r/C75CA80B2837EN.html>

Price: US\$ 4,260.00 (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/C75CA80B2837EN.html>