

Global Fiberglass Wind Turbine Blade Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/GF83099E9B00EN.html>

Date: May 2026

Pages: 154

Price: US\$ 3,200.00 (Single User License)

ID: GF83099E9B00EN

Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Fiberglass Wind Turbine Blade competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. In 2024, global Fiberglass Wind Turbine Blade production reached approximately 5,7210 mw, with an average global market price of around US\$ 1520.94 per kw. Fiberglass Wind Turbine Blade is a type of wind turbine blade made primarily from fiberglass-reinforced composite materials. It offers a high strength-to-weight ratio, corrosion resistance, and durability, making it suitable for both onshore and offshore wind turbines. Fiberglass blades are designed to efficiently capture wind energy while minimizing structural stress and fatigue over time.

The global Fiberglass Wind Turbine Blade market size was estimated at USD 87013.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 4.80% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Fiberglass Wind Turbine Blade market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Fiberglass Wind Turbine Blade market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Fiberglass Wind Turbine Blade market.

Global Fiberglass Wind Turbine Blade Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

LM Wind Power

Siemens Gamesa

Sinoma Science & Technology

Mingyang Smart Energy

Zhuzhou Times New Material Technology

Hunan ZKengery

GE Renewable Energy

Suzlon

Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd.

Xiamen Sunrui Wind Turbine Blade Co., Ltd.

Shangboyuan Dongtai New Energy Co., Ltd.

Nordex

Voodin Blade Technology

Market Segmentation (by Type)

?40 Meter

40-70 Meter

?70 Meter

Market Segmentation (by Application)

Onshore

Offshore

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Fiberglass Wind Turbine Blade Market

Overview of the regional outlook of the Fiberglass Wind Turbine Blade Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Fiberglass Wind Turbine Blade Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Fiberglass Wind Turbine Blade, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development

potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning

recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Fiberglass Wind Turbine Blade

1.2 Key Market Segments

1.2.1 Fiberglass Wind Turbine Blade Segment by Type

1.2.2 Fiberglass Wind Turbine Blade Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 FIBERGLASS WIND TURBINE BLADE MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Fiberglass Wind Turbine Blade Market Size (M USD) Estimates and Forecasts (2020-2035)

2.1.2 Global Fiberglass Wind Turbine Blade Sales Estimates and Forecasts (2020-2035)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 FIBERGLASS WIND TURBINE BLADE MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Fiberglass Wind Turbine Blade Product Life Cycle

3.3 Global Fiberglass Wind Turbine Blade Sales by Manufacturers (2020-2025)

3.4 Global Fiberglass Wind Turbine Blade Revenue Market Share by Manufacturers (2020-2025)

3.5 Fiberglass Wind Turbine Blade Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Fiberglass Wind Turbine Blade Average Price by Manufacturers (2020-2025)

3.7 Manufacturers' Manufacturing Sites, Areas Served, and Product Types

3.8 Fiberglass Wind Turbine Blade Market Competitive Situation and Trends

3.8.1 Fiberglass Wind Turbine Blade Market Concentration Rate

3.8.2 Global 5 and 10 Largest Fiberglass Wind Turbine Blade Players Market Share by

Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 FIBERGLASS WIND TURBINE BLADE INDUSTRY CHAIN ANALYSIS

4.1 Fiberglass Wind Turbine Blade Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF FIBERGLASS WIND TURBINE BLADE MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Fiberglass Wind Turbine Blade Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy – April 2025

5.6.3 Global Trade Frictions and Their Impacts to Fiberglass Wind Turbine Blade Market

5.7 ESG Ratings of Leading Companies

6 FIBERGLASS WIND TURBINE BLADE MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Fiberglass Wind Turbine Blade Sales Market Share by Type (2020-2025)

6.3 Global Fiberglass Wind Turbine Blade Market Size by Type (2020-2025)

6.4 Global Fiberglass Wind Turbine Blade Price by Type (2020-2025)

7 FIBERGLASS WIND TURBINE BLADE MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Fiberglass Wind Turbine Blade Market Sales by Application (2020-2025)
- 7.3 Global Fiberglass Wind Turbine Blade Market Size (M USD) by Application (2020-2025)
- 7.4 Global Fiberglass Wind Turbine Blade Sales Growth Rate by Application (2020-2025)

8 FIBERGLASS WIND TURBINE BLADE MARKET SALES BY REGION

- 8.1 Global Fiberglass Wind Turbine Blade Sales by Region
 - 8.1.1 Global Fiberglass Wind Turbine Blade Sales by Region
 - 8.1.2 Global Fiberglass Wind Turbine Blade Sales Market Share by Region
- 8.2 Global Fiberglass Wind Turbine Blade Market Size by Region
 - 8.2.1 Global Fiberglass Wind Turbine Blade Market Size by Region
 - 8.2.2 Global Fiberglass Wind Turbine Blade Market Size by Region
- 8.3 North America
 - 8.3.1 North America Fiberglass Wind Turbine Blade Sales by Country
 - 8.3.2 North America Fiberglass Wind Turbine Blade Market Size by Country
 - 8.3.3 U.S. Market Overview
 - 8.3.4 Canada Market Overview
 - 8.3.5 Mexico Market Overview
- 8.4 Europe
 - 8.4.1 Europe Fiberglass Wind Turbine Blade Sales by Country
 - 8.4.2 Europe Fiberglass Wind Turbine Blade Market Size by Country
 - 8.4.3 Germany Market Overview
 - 8.4.4 France Market Overview
 - 8.4.5 U.K. Market Overview
 - 8.4.6 Italy Market Overview
 - 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Fiberglass Wind Turbine Blade Sales by Region
 - 8.5.2 Asia Pacific Fiberglass Wind Turbine Blade Market Size by Region
 - 8.5.3 China Market Overview
 - 8.5.4 Japan Market Overview
 - 8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Fiberglass Wind Turbine Blade Sales by Country

8.6.2 South America Fiberglass Wind Turbine Blade Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Fiberglass Wind Turbine Blade Sales by Region

8.7.2 Middle East and Africa Fiberglass Wind Turbine Blade Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 FIBERGLASS WIND TURBINE BLADE MARKET PRODUCTION BY REGION

9.1 Global Production of Fiberglass Wind Turbine Blade by Region(2020-2025)

9.2 Global Fiberglass Wind Turbine Blade Revenue Market Share by Region
(2020-2025)

9.3 Global Fiberglass Wind Turbine Blade Production, Revenue, Price and Gross
Margin (2020-2025)

9.4 North America Fiberglass Wind Turbine Blade Production

9.4.1 North America Fiberglass Wind Turbine Blade Production Growth Rate
(2020-2025)

9.4.2 North America Fiberglass Wind Turbine Blade Production, Revenue, Price and
Gross Margin (2020-2025)

9.5 Europe Fiberglass Wind Turbine Blade Production

9.5.1 Europe Fiberglass Wind Turbine Blade Production Growth Rate (2020-2025)

9.5.2 Europe Fiberglass Wind Turbine Blade Production, Revenue, Price and Gross
Margin (2020-2025)

9.6 Japan Fiberglass Wind Turbine Blade Production (2020-2025)

9.6.1 Japan Fiberglass Wind Turbine Blade Production Growth Rate (2020-2025)

9.6.2 Japan Fiberglass Wind Turbine Blade Production, Revenue, Price and Gross
Margin (2020-2025)

9.7 China Fiberglass Wind Turbine Blade Production (2020-2025)

9.7.1 China Fiberglass Wind Turbine Blade Production Growth Rate (2020-2025)

9.7.2 China Fiberglass Wind Turbine Blade Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 LM Wind Power

- 10.1.1 LM Wind Power Basic Information
- 10.1.2 LM Wind Power Fiberglass Wind Turbine Blade Product Overview
- 10.1.3 LM Wind Power Fiberglass Wind Turbine Blade Product Market Performance
- 10.1.4 LM Wind Power Business Overview
- 10.1.5 LM Wind Power SWOT Analysis
- 10.1.6 LM Wind Power Recent Developments

10.2 Siemens Gamesa

- 10.2.1 Siemens Gamesa Basic Information
- 10.2.2 Siemens Gamesa Fiberglass Wind Turbine Blade Product Overview
- 10.2.3 Siemens Gamesa Fiberglass Wind Turbine Blade Product Market Performance
- 10.2.4 Siemens Gamesa Business Overview
- 10.2.5 Siemens Gamesa SWOT Analysis
- 10.2.6 Siemens Gamesa Recent Developments

10.3 Sinoma Science and Technology

- 10.3.1 Sinoma Science and Technology Basic Information
- 10.3.2 Sinoma Science and Technology Fiberglass Wind Turbine Blade Product Overview
- 10.3.3 Sinoma Science and Technology Fiberglass Wind Turbine Blade Product Market Performance
- 10.3.4 Sinoma Science and Technology Business Overview
- 10.3.5 Sinoma Science and Technology SWOT Analysis
- 10.3.6 Sinoma Science and Technology Recent Developments

10.4 Mingyang Smart Energy

- 10.4.1 Mingyang Smart Energy Basic Information
- 10.4.2 Mingyang Smart Energy Fiberglass Wind Turbine Blade Product Overview
- 10.4.3 Mingyang Smart Energy Fiberglass Wind Turbine Blade Product Market Performance
- 10.4.4 Mingyang Smart Energy Business Overview
- 10.4.5 Mingyang Smart Energy Recent Developments

10.5 Zhuzhou Times New Material Technology

- 10.5.1 Zhuzhou Times New Material Technology Basic Information
- 10.5.2 Zhuzhou Times New Material Technology Fiberglass Wind Turbine Blade Product Overview

- 10.5.3 Zhuzhou Times New Material Technology Fiberglass Wind Turbine Blade Product Market Performance
- 10.5.4 Zhuzhou Times New Material Technology Business Overview
- 10.5.5 Zhuzhou Times New Material Technology Recent Developments
- 10.6 Hunan ZKengery
 - 10.6.1 Hunan ZKengery Basic Information
 - 10.6.2 Hunan ZKengery Fiberglass Wind Turbine Blade Product Overview
 - 10.6.3 Hunan ZKengery Fiberglass Wind Turbine Blade Product Market Performance
 - 10.6.4 Hunan ZKengery Business Overview
 - 10.6.5 Hunan ZKengery Recent Developments
- 10.7 GE Renewable Energy
 - 10.7.1 GE Renewable Energy Basic Information
 - 10.7.2 GE Renewable Energy Fiberglass Wind Turbine Blade Product Overview
 - 10.7.3 GE Renewable Energy Fiberglass Wind Turbine Blade Product Market Performance
 - 10.7.4 GE Renewable Energy Business Overview
 - 10.7.5 GE Renewable Energy Recent Developments
- 10.8 Suzlon
 - 10.8.1 Suzlon Basic Information
 - 10.8.2 Suzlon Fiberglass Wind Turbine Blade Product Overview
 - 10.8.3 Suzlon Fiberglass Wind Turbine Blade Product Market Performance
 - 10.8.4 Suzlon Business Overview
 - 10.8.5 Suzlon Recent Developments
- 10.9 Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd.
 - 10.9.1 Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Basic Information
 - 10.9.2 Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Fiberglass Wind Turbine Blade Product Overview
 - 10.9.3 Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Fiberglass Wind Turbine Blade Product Market Performance
 - 10.9.4 Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Business Overview
 - 10.9.5 Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Recent Developments
- 10.10 Xiamen Sunrui Wind Turbine Blade Co., Ltd.
 - 10.10.1 Xiamen Sunrui Wind Turbine Blade Co., Ltd. Basic Information
 - 10.10.2 Xiamen Sunrui Wind Turbine Blade Co., Ltd. Fiberglass Wind Turbine Blade Product Overview
 - 10.10.3 Xiamen Sunrui Wind Turbine Blade Co., Ltd. Fiberglass Wind Turbine Blade

Product Market Performance

10.10.4 Xiamen Sunrui Wind Turbine Blade Co., Ltd. Business Overview

10.10.5 Xiamen Sunrui Wind Turbine Blade Co., Ltd. Recent Developments

10.11 Shangboyuan Dongtai New Energy Co., Ltd.

10.11.1 Shangboyuan Dongtai New Energy Co., Ltd. Basic Information

10.11.2 Shangboyuan Dongtai New Energy Co., Ltd. Fiberglass Wind Turbine Blade

Product Overview

10.11.3 Shangboyuan Dongtai New Energy Co., Ltd. Fiberglass Wind Turbine Blade

Product Market Performance

10.11.4 Shangboyuan Dongtai New Energy Co., Ltd. Business Overview

10.11.5 Shangboyuan Dongtai New Energy Co., Ltd. Recent Developments

10.12 Nordex

10.12.1 Nordex Basic Information

10.12.2 Nordex Fiberglass Wind Turbine Blade Product Overview

10.12.3 Nordex Fiberglass Wind Turbine Blade Product Market Performance

10.12.4 Nordex Business Overview

10.12.5 Nordex Recent Developments

10.13 Voodin Blade Technology

10.13.1 Voodin Blade Technology Basic Information

10.13.2 Voodin Blade Technology Fiberglass Wind Turbine Blade Product Overview

10.13.3 Voodin Blade Technology Fiberglass Wind Turbine Blade Product Market

Performance

10.13.4 Voodin Blade Technology Business Overview

10.13.5 Voodin Blade Technology Recent Developments

11 FIBERGLASS WIND TURBINE BLADE MARKET FORECAST BY REGION

11.1 Global Fiberglass Wind Turbine Blade Market Size Forecast

11.2 Global Fiberglass Wind Turbine Blade Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Fiberglass Wind Turbine Blade Market Size Forecast by Country

11.2.3 Asia Pacific Fiberglass Wind Turbine Blade Market Size Forecast by Region

11.2.4 South America Fiberglass Wind Turbine Blade Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Fiberglass Wind Turbine Blade by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)

12.1 Global Fiberglass Wind Turbine Blade Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Fiberglass Wind Turbine Blade by Type
(2026-2035)

12.1.2 Global Fiberglass Wind Turbine Blade Market Size Forecast by Type
(2026-2035)

12.1.3 Global Forecasted Price of Fiberglass Wind Turbine Blade by Type (2026-2035)
12.2 Global Fiberglass Wind Turbine Blade Market Forecast by Application (2026-2035)

12.2.1 Global Fiberglass Wind Turbine Blade Sales (K Units) Forecast by Application

12.2.2 Global Fiberglass Wind Turbine Blade Market Size (M USD) Forecast by
Application (2026-2035)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Fiberglass Wind Turbine Blade Market Size by Type (M USD)

Table 4. Global Fiberglass Wind Turbine Blade Market Size by Application

Table 5. Fiberglass Wind Turbine Blade Market Size Comparison by Region (M USD)

Table 6. Global Fiberglass Wind Turbine Blade Sales (K Units) by Manufacturers
(2020-2025)

Table 7. Global Fiberglass Wind Turbine Blade Sales Market Share by Manufacturers
(2020-2025)

Table 8. Global Fiberglass Wind Turbine Blade Revenue (M USD) by Manufacturers
(2020-2025)

Table 9. Global Fiberglass Wind Turbine Blade Revenue Share by Manufacturers
(2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in
Fiberglass Wind Turbine Blade as of 2025)

Table 11. Global Market Fiberglass Wind Turbine Blade Average Price (USD/Unit) of
Key Manufacturers (2020-2025)

Table 12. Manufacturers' Manufacturing Sites, Areas Served

Table 13. Manufacturers' Product Type

Table 14. Global Fiberglass Wind Turbine Blade Manufacturers Market Concentration
Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Fiberglass Wind Turbine Blade Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading
Countries

Table 26. Global Fiberglass Wind Turbine Blade Sales by Type (K Units)

Table 27. Global Fiberglass Wind Turbine Blade Market Size by Type (M USD)

Table 28. Global Fiberglass Wind Turbine Blade Sales (K Units) by Type (2020-2025)

Table 29. Global Fiberglass Wind Turbine Blade Sales Market Share by Type (2020-2025)

Table 30. Global Fiberglass Wind Turbine Blade Market Size (M USD) by Type (2020-2025)

Table 31. Global Fiberglass Wind Turbine Blade Market Share by Type (2020-2025)

Table 32. Global Fiberglass Wind Turbine Blade Price (USD/Unit) by Type (2020-2025)

Table 33. Global Fiberglass Wind Turbine Blade Sales (K Units) by Application

Table 34. Global Fiberglass Wind Turbine Blade Market Size by Application

Table 35. Global Fiberglass Wind Turbine Blade Sales by Application (2020-2025) & (K Units)

Table 36. Global Fiberglass Wind Turbine Blade Sales Market Share by Application (2020-2025)

Table 37. Global Fiberglass Wind Turbine Blade Market Size by Application (2020-2025) & (M USD)

Table 38. Global Fiberglass Wind Turbine Blade Market Share by Application (2020-2025)

Table 39. Global Fiberglass Wind Turbine Blade Sales Growth Rate by Application (2020-2025)

Table 40. Global Fiberglass Wind Turbine Blade Sales by Region (2020-2025) & (K Units)

Table 41. Global Fiberglass Wind Turbine Blade Sales Market Share by Region (2020-2025)

Table 42. Global Fiberglass Wind Turbine Blade Market Size by Region (2020-2025) & (M USD)

Table 43. Global Fiberglass Wind Turbine Blade Market Size by Region (2020-2025)

Table 44. North America Fiberglass Wind Turbine Blade Sales by Country (2020-2025) & (K Units)

Table 45. North America Fiberglass Wind Turbine Blade Market Size by Country (2020-2025) & (M USD)

Table 46. Europe Fiberglass Wind Turbine Blade Sales by Country (2020-2025) & (K Units)

Table 47. Europe Fiberglass Wind Turbine Blade Market Size by Country (2020-2025) & (M USD)

Table 48. Asia Pacific Fiberglass Wind Turbine Blade Sales by Region (2020-2025) & (K Units)

Table 49. Asia Pacific Fiberglass Wind Turbine Blade Market Size by Region (2020-2025) & (M USD)

Table 50. South America Fiberglass Wind Turbine Blade Sales by Country (2020-2025)

& (K Units)

Table 51. South America Fiberglass Wind Turbine Blade Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Fiberglass Wind Turbine Blade Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Fiberglass Wind Turbine Blade Market Size by Region (2020-2025) & (M USD)

Table 54. Global Fiberglass Wind Turbine Blade Production (K Units) by Region(2020-2025)

Table 55. Global Fiberglass Wind Turbine Blade Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Fiberglass Wind Turbine Blade Revenue Market Share by Region (2020-2025)

Table 57. Global Fiberglass Wind Turbine Blade Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Fiberglass Wind Turbine Blade Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Fiberglass Wind Turbine Blade Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Fiberglass Wind Turbine Blade Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Fiberglass Wind Turbine Blade Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. LM Wind Power Basic Information

Table 63. LM Wind Power Fiberglass Wind Turbine Blade Product Overview

Table 64. LM Wind Power Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. LM Wind Power Business Overview

Table 66. LM Wind Power SWOT Analysis

Table 67. LM Wind Power Recent Developments

Table 68. Siemens Gamesa Basic Information

Table 69. Siemens Gamesa Fiberglass Wind Turbine Blade Product Overview

Table 70. Siemens Gamesa Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Siemens Gamesa Business Overview

Table 72. Siemens Gamesa SWOT Analysis

Table 73. Siemens Gamesa Recent Developments

Table 74. Sinoma Science and Technology Basic Information

Table 75. Sinoma Science and Technology Fiberglass Wind Turbine Blade Product

Overview

Table 76. Sinoma Science and Technology Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 77. Sinoma Science and Technology Business Overview

Table 78. Sinoma Science and Technology SWOT Analysis

Table 79. Sinoma Science and Technology Recent Developments

Table 80. Mingyang Smart Energy Basic Information

Table 81. Mingyang Smart Energy Fiberglass Wind Turbine Blade Product Overview

Table 82. Mingyang Smart Energy Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 83. Mingyang Smart Energy Business Overview

Table 84. Mingyang Smart Energy Recent Developments

Table 85. Zhuzhou Times New Material Technology Basic Information

Table 86. Zhuzhou Times New Material Technology Fiberglass Wind Turbine Blade Product Overview

Table 87. Zhuzhou Times New Material Technology Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 88. Zhuzhou Times New Material Technology Business Overview

Table 89. Zhuzhou Times New Material Technology Recent Developments

Table 90. Hunan ZKengery Basic Information

Table 91. Hunan ZKengery Fiberglass Wind Turbine Blade Product Overview

Table 92. Hunan ZKengery Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 93. Hunan ZKengery Business Overview

Table 94. Hunan ZKengery Recent Developments

Table 95. GE Renewable Energy Basic Information

Table 96. GE Renewable Energy Fiberglass Wind Turbine Blade Product Overview

Table 97. GE Renewable Energy Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 98. GE Renewable Energy Business Overview

Table 99. GE Renewable Energy Recent Developments

Table 100. Suzlon Basic Information

Table 101. Suzlon Fiberglass Wind Turbine Blade Product Overview

Table 102. Suzlon Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. Suzlon Business Overview

Table 104. Suzlon Recent Developments

Table 105. Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Basic Information

Table 106. Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Fiberglass Wind Turbine Blade Product Overview

Table 107. Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Business Overview

Table 109. Shanghai Ailang Wind Power Technology Development (Group) Co., Ltd. Recent Developments

Table 110. Xiamen Sunrui Wind Turbine Blade Co., Ltd. Basic Information

Table 111. Xiamen Sunrui Wind Turbine Blade Co., Ltd. Fiberglass Wind Turbine Blade Product Overview

Table 112. Xiamen Sunrui Wind Turbine Blade Co., Ltd. Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Xiamen Sunrui Wind Turbine Blade Co., Ltd. Business Overview

Table 114. Xiamen Sunrui Wind Turbine Blade Co., Ltd. Recent Developments

Table 115. Shangboyuan Dongtai New Energy Co., Ltd. Basic Information

Table 116. Shangboyuan Dongtai New Energy Co., Ltd. Fiberglass Wind Turbine Blade Product Overview

Table 117. Shangboyuan Dongtai New Energy Co., Ltd. Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. Shangboyuan Dongtai New Energy Co., Ltd. Business Overview

Table 119. Shangboyuan Dongtai New Energy Co., Ltd. Recent Developments

Table 120. Nordex Basic Information

Table 121. Nordex Fiberglass Wind Turbine Blade Product Overview

Table 122. Nordex Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Nordex Business Overview

Table 124. Nordex Recent Developments

Table 125. Voodin Blade Technology Basic Information

Table 126. Voodin Blade Technology Fiberglass Wind Turbine Blade Product Overview

Table 127. Voodin Blade Technology Fiberglass Wind Turbine Blade Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 128. Voodin Blade Technology Business Overview

Table 129. Voodin Blade Technology Recent Developments

Table 130. Global Fiberglass Wind Turbine Blade Sales Forecast by Region (2026-2035) & (K Units)

Table 131. Global Fiberglass Wind Turbine Blade Market Size Forecast by Region (2026-2035) & (M USD)

Table 132. North America Fiberglass Wind Turbine Blade Sales Forecast by Country (2026-2035) & (K Units)

Table 133. North America Fiberglass Wind Turbine Blade Market Size Forecast by Country (2026-2035) & (M USD)

Table 134. Europe Fiberglass Wind Turbine Blade Sales Forecast by Country (2026-2035) & (K Units)

Table 135. Europe Fiberglass Wind Turbine Blade Market Size Forecast by Country (2026-2035) & (M USD)

Table 136. Asia Pacific Fiberglass Wind Turbine Blade Sales Forecast by Region (2026-2035) & (K Units)

Table 137. Asia Pacific Fiberglass Wind Turbine Blade Market Size Forecast by Region (2026-2035) & (M USD)

Table 138. South America Fiberglass Wind Turbine Blade Sales Forecast by Country (2026-2035) & (K Units)

Table 139. South America Fiberglass Wind Turbine Blade Market Size Forecast by Country (2026-2035) & (M USD)

Table 140. Middle East and Africa Fiberglass Wind Turbine Blade Sales Forecast by Country (2026-2035) & (Units)

Table 141. Middle East and Africa Fiberglass Wind Turbine Blade Market Size Forecast by Country (2026-2035) & (M USD)

Table 142. Global Fiberglass Wind Turbine Blade Sales Forecast by Type (2026-2035) & (K Units)

Table 143. Global Fiberglass Wind Turbine Blade Market Size Forecast by Type (2026-2035) & (M USD)

Table 144. Global Fiberglass Wind Turbine Blade Price Forecast by Type (2026-2035) & (USD/Unit)

Table 145. Global Fiberglass Wind Turbine Blade Sales (K Units) Forecast by Application (2026-2035)

Table 146. Global Fiberglass Wind Turbine Blade Market Size Forecast by Application (2026-2035) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Fiberglass Wind Turbine Blade
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Fiberglass Wind Turbine Blade Market Size (M USD), 2025-2035
- Figure 5. Global Fiberglass Wind Turbine Blade Market Size (M USD) (2020-2035)
- Figure 6. Global Fiberglass Wind Turbine Blade Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Fiberglass Wind Turbine Blade Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Fiberglass Wind Turbine Blade Product Life Cycle
- Figure 13. Fiberglass Wind Turbine Blade Sales Share by Manufacturers in 2025
- Figure 14. Global Fiberglass Wind Turbine Blade Revenue Share by Manufacturers in 2025
- Figure 15. Fiberglass Wind Turbine Blade Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Fiberglass Wind Turbine Blade Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Fiberglass Wind Turbine Blade Revenue in 2025
- Figure 18. Industry Chain Map of Fiberglass Wind Turbine Blade
- Figure 19. Global Fiberglass Wind Turbine Blade Market PEST Analysis
- Figure 20. Global Fiberglass Wind Turbine Blade Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Fiberglass Wind Turbine Blade Market Share by Type
- Figure 27. Sales Market Share of Fiberglass Wind Turbine Blade by Type (2020-2025)
- Figure 28. Sales Market Share of Fiberglass Wind Turbine Blade by Type in 2025
- Figure 29. Market Share of Fiberglass Wind Turbine Blade by Type (2020-2025)
- Figure 30. Market Share of Fiberglass Wind Turbine Blade by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Fiberglass Wind Turbine Blade Market Share by Application

Figure 33. Global Fiberglass Wind Turbine Blade Sales Market Share by Application (2020-2025)

Figure 34. Global Fiberglass Wind Turbine Blade Sales Market Share by Application in 2025

Figure 35. Global Fiberglass Wind Turbine Blade Market Share by Application (2020-2025)

Figure 36. Global Fiberglass Wind Turbine Blade Market Share by Application in 2025

Figure 37. Global Fiberglass Wind Turbine Blade Sales Growth Rate by Application (2020-2025)

Figure 38. Global Fiberglass Wind Turbine Blade Sales Market Share by Region (2020-2025)

Figure 39. Global Fiberglass Wind Turbine Blade Market Size by Region (2020-2025)

Figure 40. North America Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Fiberglass Wind Turbine Blade Sales Market Share by Country in 2024

Figure 43. North America Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Fiberglass Wind Turbine Blade Market Size by Country in 2024

Figure 45. U.S. Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Fiberglass Wind Turbine Blade Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Fiberglass Wind Turbine Blade Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Fiberglass Wind Turbine Blade Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Fiberglass Wind Turbine Blade Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Fiberglass Wind Turbine Blade Sales Market Share by Country in 2024

Figure 53. Europe Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Fiberglass Wind Turbine Blade Market Size by Country in 2024

Figure 55. Germany Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Fiberglass Wind Turbine Blade Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Fiberglass Wind Turbine Blade Sales Market Share by Region in 2024

Figure 67. Asia Pacific Fiberglass Wind Turbine Blade Market Size by Region in 2024

Figure 68. China Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Fiberglass Wind Turbine Blade Sales and Growth Rate (K Units)

Figure 79. South America Fiberglass Wind Turbine Blade Sales Market Share by Country in 2024

Figure 80. South America Fiberglass Wind Turbine Blade Market Size and Growth Rate (M USD)

Figure 81. South America Fiberglass Wind Turbine Blade Market Size by Country in 2024

Figure 82. Brazil Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Fiberglass Wind Turbine Blade Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Fiberglass Wind Turbine Blade Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Fiberglass Wind Turbine Blade Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Fiberglass Wind Turbine Blade Market Size by Region in 2024

Figure 92. Saudi Arabia Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Fiberglass Wind Turbine Blade Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 94. UAE Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Fiberglass Wind Turbine Blade Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Fiberglass Wind Turbine Blade Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Fiberglass Wind Turbine Blade Production Market Share by Region (2020-2025)

Figure 103. North America Fiberglass Wind Turbine Blade Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Fiberglass Wind Turbine Blade Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Fiberglass Wind Turbine Blade Production (K Units) Growth Rate (2020-2025)

Figure 106. China Fiberglass Wind Turbine Blade Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Fiberglass Wind Turbine Blade Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Fiberglass Wind Turbine Blade Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Fiberglass Wind Turbine Blade Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Fiberglass Wind Turbine Blade Market Share Forecast by Type (2026-2035)

Figure 111. Global Fiberglass Wind Turbine Blade Sales Forecast by Application (2026-2035)

Figure 112. Global Fiberglass Wind Turbine Blade Market Share Forecast by Application (2026-2035)

I would like to order

Product name: Global Fiberglass Wind Turbine Blade Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/GF83099E9B00EN.html>

Price: US\$ 3,200.00 (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/GF83099E9B00EN.html>