

Small Wind Market based on by Type (Horizontal Axis Wind Turbine, Vertical Axis Wind Turbine), by Application (On-Grid, Off-Grid), Regional Outlook–Global Forecast up to 2030

<https://marketpublishers.com/r/SE8A3769C354EN.html>

Date: March 2024

Pages: 115

Price: US\$ 4,500.00 (Single User License)

ID: SE8A3769C354EN

Abstracts

At the summit of the tower are the horizontal axis wind turbine's (HAWT) primary rotor shaft and electrical generator. The market for small wind turbines is dominated by the horizontal axis sector. In contrast to the last ten years, when the bulk of small vertical axis wind turbines (VAWT) were produced, it has been manufactured for more than thirty years. The corresponding economic and technological benefits provide the little HAWT impetus. The tiny horizontal axis wind turbine's low cost, ease of maintenance, and lack of professional staff are advantageous to high-speed winds.

Small wind power is a versatile and adaptable way to generate sustainable electricity. These are utilized in tall structures, telecommunication towers, distant and rural places, farmhouses, and other stand-alone or grid-connected devices. Compared to its larger counterparts, little wind power is easier to build and operate and is located close to energy consumption areas. In countries like India, China, Africa, and other South American countries where there is little to no electric grid connectivity, the need for small wind power systems for household energy and water supply for irrigation in rural areas will rise, boosting the global small wind power market CAGR in recent years.

Research Methodology:

After secondary research provided a fundamental understanding of the worldwide Small Wind Market scenario, extensive primary research was carried out. A number of primary interviews were carried out with industry experts from the supply and demand sides, including C- and D-level executives, product managers, and marketing and sales

managers of major manufacturers, distributors, and channel partners from tier 1 and tier 2 companies offering Small Wind Market, as well as personnel from academia, research, and CROs. These interviews were conducted across five major regions: North America, Europe, Asia Pacific, and the Rest of the World (Latin America & the Middle East & Africa). Participants from the supply-side and demand-side participated in about 70% and 30% of the primary interviews, respectively. Through the use of questionnaires, emails, online surveys, in-person interviews, and phone interviews, this main data was gathered. The primary participants share is given below:

The segmentation coverage of the study is provided below.

Small Wind Market based on Type:

Horizontal Axis Wind Turbine

Vertical Axis Wind Turbine

Small Wind Market based on Application:

On-Grid

Off-Grid

Small Wind Market based on Geography:

North America

US

Canada

Europe

Germany

UK

France

Italy

Spain

Rest of Europe (RoE)

Asia Pacific (APAC)

China

Japan

India

Australia

South Korea

Rest of Asia Pacific (RoAPAC)

Latin America (LATAM)

Brazil

Argentina

Rest of South America

Middle East and Africa (MEA)

UAE

Turkey

Saudi Arabia

South Africa

Rest of Middle East & Africa

The little wind generator On-grid and off-grid market segmentation is based on grid connectivity. In 2021, the off-grid category accounted for the majority of revenue generated by the small wind power market. Small wind power systems are often smaller and off the grid. Off-grid connectivity is appealing because it allows users to fully meet their own energy needs. There are several possible uses for modest off-grid wind power generators. Numerous buildings, such as homes, farms, ranches, logging camps, etc., can get electricity from the system.

There are two axes in the Small Wind Power Market segmentation: a horizontal axis and a vertical axis. Due to its high efficiency and low installation and maintenance costs, the horizontal axis segment dominated the market in 2021 and is anticipated to develop at a quicker rate over the forecast period of 2022–2030. Aside from unconventional solutions including one- and two-bladed designs, the conventional three-bladed layout commands 99% of the market share of all operational horizontal axis small wind power. Three blades is the minimum number of blades, which simplifies the control of centrifugal body forces and thereby boosts market expansion.

Data from the Small Wind Power Market has been divided into three categories based on capacity: up to 2 kW, 2 kW to 5 kW, and 5 kW to 10 kW. In 2021, the market was dominated by the 5 kW to 10 kW capacity sector, which is expected to increase at a quicker rate between 2022 and 2030. A 5 kW to 10 kW small wind power system can be connected to the grid in two ways: independently, or off-grid, and with the help of a power supplier. Wind power systems are therefore a sensible option, especially in isolated locations without connection to electrical networks.

Leading players of the market, such as Northern Power Systems Inc. (U.S.), Bergey Wind Power Co. (U.S.), Kingspan Group Plc. (Netherlands), and Xzeres Wind Corp. (U.K.) have been profiled to provide an insight into the competitive scenario of the market. New product development has been the key strategy adopted by leading companies to accommodate the fast-changing technologies in the application areas and to increase their market share.

This report illustrates the most vital attributes of the Small Wind Market, which are driving and providing opportunities.

This research gives an in-depth analysis of the Small Wind Market growth on the basis of several segments in the market.

This report presents the predictions of the past and present trends of the Small Wind Market.

This study also presents the competitive analysis, such as key strategies and capabilities of major players of the Small Wind Market.

Contents

1. EXECUTIVE SUMMARY

2. INDUSTRY OUTLOOK

2.1. Industry Overview

2.2. Industry Trends

3. MARKET SNAPSHOT

3.1. Market Definition

3.2. Market Outlook

3.2.1. Porter Five Forces

3.3. Related Markets

4. MARKET CHARACTERISTICS

4.1. Market Overview

4.2. Market Segmentation

4.3. Market Dynamics

4.3.1. Drivers

4.3.2. Restraints

4.3.3. Opportunities

4.4. DRO - Impact Analysis

5. TYPE: MARKET SIZE & ANALYSIS

5.1. Overview

5.2. Horizontal Axis Wind Turbine

5.3. Vertical Axis Wind Turbine

5.4. Others

6. APPLICATION: MARKET SIZE & ANALYSIS

6.1. Overview

6.2. On-Grid

6.3. Off-Grid

6.4. Others

7. GEOGRAPHY: MARKET SIZE & ANALYSIS

7.1. Overview

7.2. North America (U.S., Mexico, Canada)

7.3. Europe (France, Germany, UK, Italy, Netherlands, Spain, Russia, Rest of Europe)

7.4. Asia Pacific (Japan, China, India, Australia, South East Asia, Rest of APAC)

7.5. Latin America (Brazil, Argentina)

7.6. Middle East & Africa (Saudi Arabia, UAE, South Africa, Rest of Middle East and Africa)

8. COMPETITIVE LANDSCAPE

8.1. Competitor Comparison Analysis

8.2. Market Developments

8.2.1. Mergers and Acquisitions, Legal, Awards, Partnerships

8.2.2. Product Launches and execution

9. VENDOR PROFILES

9.1. ENVERGATE ENERGY AG

9.1.1. Overview

9.1.2. Financial Overview

9.1.3. Product Offerings

9.1.4. Developments

9.1.5. Business Strategy

9.2. KINGSPAN GROUP

9.2.1. Overview

9.2.2. Financial Overview

9.2.3. Product Offerings

9.2.4. Developments

9.2.5. Business Strategy

9.3. KLIUX ENERGIES

9.3.1. Overview

9.3.2. Financial Overview

9.3.3. Product Offerings

9.3.4. Developments

9.3.5. Business Strategy

9.4. SUPERWIND GMBH

- 9.4.1. Overview
- 9.4.2. Financial Overview
- 9.4.3. Product Offerings
- 9.4.4. Developments
- 9.4.5. Business Strategy
- 9.5. BERGEY WINDPOWER CO.
 - 9.5.1. Overview
 - 9.5.2. Financial Overview
 - 9.5.3. Product Offerings
 - 9.5.4. Developments
 - 9.5.5. Business Strategy
- 9.6. EOCYCLE
 - 9.6.1. Overview
 - 9.6.2. Financial Overview
 - 9.6.3. Product Offerings
 - 9.6.4. Developments
 - 9.6.5. Business Strategy
- 9.7. SHANGHAI ZHIYUAN GREEN ENERGY CO., LTD.
 - 9.7.1. Overview
 - 9.7.2. Financial Overview
 - 9.7.3. Product Offerings
 - 9.7.4. Developments
 - 9.7.5. Business Strategy
- 9.8. NORTHERN POWER SYSTEMS
 - 9.8.1. Overview
 - 9.8.2. Financial Overview
 - 9.8.3. Product Offerings
 - 9.8.4. Developments
 - 9.8.5. Business Strategy
- 9.9. XZERES CORP.
 - 9.9.1. Overview
 - 9.9.2. Financial Overview
 - 9.9.3. Product Offerings
 - 9.9.4. Developments
 - 9.9.5. Business Strategy
- 9.10. CITY WINDMILLS HOLDINGS PLC
 - 9.10.1. Overview
 - 9.10.2. Financial Overview
 - 9.10.3. Product Offerings

- 9.10.4. Developments
- 9.10.5. Business Strategy

10. ANALYST OPINION

11. ANNEXURE

- 11.1. Report Scope
- 11.2. Market Definitions
- 11.3. Research Methodology
 - 11.3.1. Data Collation and In-house Estimation
 - 11.3.2. Market Triangulation
 - 11.3.3. Forecasting
- 11.4. Report Assumptions
- 11.5. Declarations
- 11.6. Stakeholders
- 11.7. Abbreviations

Tables

TABLE 1. SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 2. SMALL WIND MARKET VALUE FOR HORIZONTAL AXIS WIND TURBINE, BY GEOGRAPHY , 2021-2030 (USD BILLION)

TABLE 3. SMALL WIND MARKET VALUE FOR VERTICAL AXIS WIND TURBINE, BY GEOGRAPHY, 2021-2030 (USD BILLION)

TABLE 4. SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 5. SMALL WIND MARKET VALUE FOR ON-GRID, BY GEOGRAPHY, 2021-2030 (USD BILLION)

TABLE 6. SMALL WIND MARKET VALUE FOR OFF-GRID, BY GEOGRAPHY, 2021-2030 (USD BILLION)

TABLE 7. NORTH AMERICA SMALL WIND MARKET VALUE, BY COUNTRY, 2021-2030 (USD BILLION)

TABLE 8. NORTH AMERICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 9. NORTH AMERICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 10. U.S SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 11. U.S SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 12. CANADA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD

BILLION)

TABLE 13. CANADA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030
(USD BILLION)

TABLE 14. MEXICO SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD
BILLION)

TABLE 15. MEXICO SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030
(USD BILLION)

TABLE 16. EUROPE SMALL WIND MARKET VALUE, BY COUNTRY, 2021-2030
(USD BILLION)

TABLE 17. EUROPE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD
BILLION)

TABLE 18. EUROPE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030
(USD BILLION)

TABLE 19. GERMANY SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD
BILLION)

TABLE 20. GERMANY SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030
(USD BILLION)

TABLE 21. U.K SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 22. U.K SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD
BILLION)

TABLE 23. FRANCE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD
BILLION)

TABLE 24. FRANCE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030
(USD BILLION)

TABLE 25. ITALY SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD
BILLION)

TABLE 26. ITALY SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030
(USD BILLION)

TABLE 27. SPAIN SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD
BILLION)

TABLE 28. SPAIN SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030
(USD BILLION)

TABLE 29. ROE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD
BILLION)

TABLE 30. ROE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD
BILLION)

TABLE 31. ASIA PACIFIC SMALL WIND MARKET VALUE, BY COUNTRY, 2021-2030
(USD BILLION)

TABLE 32. ASIA PACIFIC SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD

BILLION)

TABLE 33. ASIA PACIFIC SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 34. CHINA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 35. CHINA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 36. INDIA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 37. INDIA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 38. JAPAN SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 39. JAPAN SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 40. REST OF APAC SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 41. REST OF APAC SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 42. LATIN AMERICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 43. LATIN AMERICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 44. BRAZIL SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 45. BRAZIL SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 46. ARGENTINA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 47. ARGENTINA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 48. MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 49. MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 50. SAUDI ARABIA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 51. SAUDI ARABIA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 52. UAE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 53. UAE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 54. REST OF MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

TABLE 55. REST OF MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

TABLE 56. ENVERGATE ENERGY AG : FINANCIALS

TABLE 57. ENVERGATE ENERGY AG : PRODUCTS & SERVICES

TABLE 58. ENVERGATE ENERGY AG : RECENT DEVELOPMENTS

TABLE 59. KINGSPAN GROUP: FINANCIALS

TABLE 60. KINGSPAN GROUP: PRODUCTS & SERVICES

TABLE 61. KINGSPAN GROUP: RECENT DEVELOPMENTS

TABLE 62. KLIUX ENERGIES: FINANCIALS

TABLE 63. KLIUX ENERGIES: PRODUCTS & SERVICES

TABLE 64. KLIUX ENERGIES: RECENT DEVELOPMENTS

TABLE 65. SUPERWIND GMBH: FINANCIALS

TABLE 66. SUPERWIND GMBH: PRODUCTS & SERVICES

TABLE 67. SUPERWIND GMBH: RECENT DEVELOPMENTS

TABLE 68. BERGEY WINDPOWER CO.: FINANCIALS

TABLE 69. BERGEY WINDPOWER CO.: PRODUCTS & SERVICES

TABLE 70. BERGEY WINDPOWER CO.: RECENT DEVELOPMENTS

TABLE 71. EOCYCLE: FINANCIALS

TABLE 72. EOCYCLE: PRODUCTS & SERVICES

TABLE 73. EOCYCLE: RECENT DEVELOPMENTS

TABLE 74. SHANGHAI ZHIYUAN GREEN ENERGY CO., LTD.: FINANCIALS

TABLE 75. SHANGHAI ZHIYUAN GREEN ENERGY CO., LTD.: PRODUCTS & SERVICES

TABLE 76. SHANGHAI ZHIYUAN GREEN ENERGY CO., LTD.: DEVELOPMENTS

TABLE 77. NORTHERN POWER SYSTEMS: FINANCIALS

TABLE 78. NORTHERN POWER SYSTEMS: PRODUCTS & SERVICES

TABLE 79. NORTHERN POWER SYSTEMS: RECENT DEVELOPMENTS

TABLE 80. XZERES CORP.: FINANCIALS

TABLE 81. XZERES CORP.: PRODUCTS & SERVICES

TABLE 82. XZERES CORP.: RECENT DEVELOPMENTS

TABLE 83. CITY WINDMILLS HOLDINGS PLC: FINANCIALS

TABLE 84. CITY WINDMILLS HOLDINGS PLC: PRODUCTS & SERVICES

TABLE 85. CITY WINDMILLS HOLDINGS PLC: RECENT DEVELOPMENTS

Charts

- CHART. 1. SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)
- CHART. 2. SMALL WIND MARKET VALUE FOR HORIZONTAL AXIS WIND TURBINE, BY GEOGRAPHY , 2021-2030 (USD BILLION)
- CHART. 3. SMALL WIND MARKET VALUE FOR VERTICAL AXIS WIND TURBINE, BY GEOGRAPHY, 2021-2030 (USD BILLION)
- CHART. 4. SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)
- CHART. 5. SMALL WIND MARKET VALUE FOR ON-GRID, BY GEOGRAPHY, 2021-2030 (USD BILLION)
- CHART. 6. SMALL WIND MARKET VALUE FOR OFF-GRID, BY GEOGRAPHY, 2021-2030 (USD BILLION)
- CHART. 7. NORTH AMERICA SMALL WIND MARKET VALUE, BY COUNTRY, 2021-2030 (USD BILLION)
- CHART. 8. NORTH AMERICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)
- CHART. 9. NORTH AMERICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)
- CHART. 10. U.S SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)
- CHART. 11. U.S SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)
- CHART. 12. CANADA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)
- CHART. 13. CANADA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)
- CHART. 14. MEXICO SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)
- CHART. 15. MEXICO SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)
- CHART. 16. EUROPE SMALL WIND MARKET VALUE, BY COUNTRY, 2021-2030 (USD BILLION)
- CHART. 17. EUROPE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)
- CHART. 18. EUROPE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)
- CHART. 19. GERMANY SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)
- CHART. 20. GERMANY SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 21. U.K SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 22. U.K SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 23. FRANCE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 24. FRANCE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 25. ITALY SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 26. ITALY SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 27. SPAIN SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 28. SPAIN SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 29. ROE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 30. ROE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 31. ASIA PACIFIC SMALL WIND MARKET VALUE, BY COUNTRY, 2021-2030 (USD BILLION)

CHART. 32. ASIA PACIFIC SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 33. ASIA PACIFIC SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 34. CHINA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 35. CHINA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 36. INDIA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 37. INDIA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 38. JAPAN SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 39. JAPAN SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 40. REST OF APAC SMALL WIND MARKET VALUE, BY TYPE, 2021-2030

(USD BILLION)

CHART. 41. REST OF APAC SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 42. LATIN AMERICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 43. LATIN AMERICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 44. BRAZIL SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 45. BRAZIL SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 46. ARGENTINA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 47. ARGENTINA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 48. MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 49. MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 50. SAUDI ARABIA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 51. SAUDI ARABIA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 52. UAE SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 53. UAE SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 54. REST OF MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY TYPE, 2021-2030 (USD BILLION)

CHART. 55. REST OF MIDDLE EAST AND AFRICA SMALL WIND MARKET VALUE, BY APPLICATION, 2021-2030 (USD BILLION)

CHART. 56. ENVERGATE ENERGY AG : FINANCIALS

CHART. 57. ENVERGATE ENERGY AG : PRODUCTS & SERVICES

CHART. 58. ENVERGATE ENERGY AG : RECENT DEVELOPMENTS

CHART. 59. KINGSPAN GROUP: FINANCIALS

CHART. 60. KINGSPAN GROUP: PRODUCTS & SERVICES

CHART. 61. KINGSPAN GROUP: RECENT DEVELOPMENTS

CHART. 62. KLIUX ENERGIES: FINANCIALS

CHART. 63. KLIUX ENERGIES: PRODUCTS & SERVICES

- CHART. 64. KLIUX ENERGIES: RECENT DEVELOPMENTS
- CHART. 65. SUPERWIND GMBH: FINANCIALS
- CHART. 66. SUPERWIND GMBH: PRODUCTS & SERVICES
- CHART. 67. SUPERWIND GMBH: RECENT DEVELOPMENTS
- CHART. 68. BERGEY WINDPOWER CO.: FINANCIALS
- CHART. 69. BERGEY WINDPOWER CO.: PRODUCTS & SERVICES
- CHART. 70. BERGEY WINDPOWER CO.: RECENT DEVELOPMENTS
- CHART. 71. EO CYCLE: FINANCIALS
- CHART. 72. EO CYCLE: PRODUCTS & SERVICES
- CHART. 73. EO CYCLE: RECENT DEVELOPMENTS
- CHART. 74. SHANGHAI ZHIYUAN GREEN ENERGY CO., LTD.: FINANCIALS
- CHART. 75. SHANGHAI ZHIYUAN GREEN ENERGY CO., LTD.: PRODUCTS & SERVICES
- CHART. 76. SHANGHAI ZHIYUAN GREEN ENERGY CO., LTD.: DEVELOPMENTS
- CHART. 77. NORTHERN POWER SYSTEMS: FINANCIALS
- CHART. 78. NORTHERN POWER SYSTEMS: PRODUCTS & SERVICES
- CHART. 79. NORTHERN POWER SYSTEMS: RECENT DEVELOPMENTS
- CHART. 80. XZERES CORP.: FINANCIALS
- CHART. 81. XZERES CORP.: PRODUCTS & SERVICES
- CHART. 82. XZERES CORP.: RECENT DEVELOPMENTS
- CHART. 83. CITY WINDMILLS HOLDINGS PLC: FINANCIALS
- CHART. 84. CITY WINDMILLS HOLDINGS PLC: PRODUCTS & SERVICES
- CHART. 85. CITY WINDMILLS HOLDINGS PLC: RECENT DEVELOPMENTS

I would like to order

Product name: Small Wind Market based on by Type (Horizontal Axis Wind Turbine, Vertical Axis Wind Turbine), by Application (On-Grid, Off-Grid), Regional Outlook– Global Forecast up to 2030

Product link: <https://marketpublishers.com/r/SE8A3769C354EN.html>

Price: US\$ 4,500.00 (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/SE8A3769C354EN.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