

# Global Air-cooled Double-fed Converter Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Air-cooled Double-fed Converter market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Air-cooled doubly-fed converters are mainly used in wind power generation systems to be used in conjunction with doubly-fed generators to obtain the best power generation efficiency and quality. When the wind speed changes and the generator speed changes, the converter changes the magnetic field of the rotor by controlling the excitation of the generator rotor, so that the frequency, phase, and amplitude of the generator output voltage are consistent with the power grid, thereby realizing the variable speed of the wind power generation system Constant frequency power generation. By changing the frequency, amplitude and phase of the rotor excitation current, the generator frequency, active power and reactive power can also be adjusted.

This report studies the global Air-cooled Double-fed Converter production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Air-cooled Double-fed Converter, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Air-cooled Double-fed Converter that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Air-cooled Double-fed Converter total production and demand, 2018-2029, (K Units)

Global Air-cooled Double-fed Converter total production value, 2018-2029, (USD Million)

Global Air-cooled Double-fed Converter production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Air-cooled Double-fed Converter consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Air-cooled Double-fed Converter domestic production, consumption, key domestic manufacturers and share

Global Air-cooled Double-fed Converter production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Air-cooled Double-fed Converter production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Air-cooled Double-fed Converter production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Air-cooled Double-fed Converter market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ABB, GE Power Conversion, Emerson, AMSC, Vacon, Schneider, Siemens, Shenzhen Hopewind Electric Co., Ltd and SUNGROW POWER SUPPLY CO.,LTD, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Air-cooled Double-fed Converter market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by

manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Air-cooled Double-fed Converter Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Air-cooled Double-fed Converter Market, Segmentation by Type

Power Level: 1.5MW

Power Level: 2.0MW

Power Level: 2.5MW

Power Level: 3.0MW

Power Level: 3.6MW

#### Global Air-cooled Double-fed Converter Market, Segmentation by Application

Offshore Wind Power

## Onshore Wind Power

### Companies Profiled:

ABB

GE Power Conversion

Emerson

AMSC

Vacon

Schneider

Siemens

Shenzhen Hopewind Electric Co., Ltd

SUNGROW POWER SUPPLY CO.,LTD

XIAMEN KEHUA HENGSHENG CO.,LTD

Shanghai Hi-Tech Control System CO., LTD

NR Electric Power Electronics Co.,Ltd

Zhejiang Runfeng Energy Engineering Co., Ltd

### Key Questions Answered

1. How big is the global Air-cooled Double-fed Converter market?
2. What is the demand of the global Air-cooled Double-fed Converter market?

3. What is the year over year growth of the global Air-cooled Double-fed Converter market?
4. What is the production and production value of the global Air-cooled Double-fed Converter market?
5. Who are the key producers in the global Air-cooled Double-fed Converter market?
6. What are the growth factors driving the market demand?

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