An airborne wind turbine is a design concept for a wind turbine with a rotor supported in the air without a tower, thus benefiting from more mechanical and aerodynamic options, the higher velocity and persistence of wind at high altitudes, while avoiding the expense of tower construction, or the need for slip rings or yaw mechanism. An electrical generator may be on the ground or airborne. Challenges include safely suspending and maintaining turbines hundreds of meters off the ground in high winds and storms, transferring the harvested and/or generated power back to earth, and interference with aviation.

The ever-growing consumption of electricity, especially in emerging economies such as India, China, Brazil, and Russia has boosted the demand for alternative sources of energy. Wind being absolutely free, authorities are focusing extensively on putting to use the energy derived from wind. Furthermore, wind energy technologies typically call for low maintenance and the electricity derived is also very cheap, once the cost of building and installing turbines is recovered. The U.S., India, Germany, China, and Spain are among the major countries involved in generating wind energy on a large scale. Thus, enterprises operating in the airborne wind turbine market are expected to find lucrative opportunities in the aforementioned economies.

The global Airborne Wind Turbines market was valued at xx million US$ in 2018 and will reach xx million US$ by the end of 2025, growing at a CAGR of xx% during 2019-2025.

This report focuses on Airborne Wind Turbines volume and value at global level, regional level and company level. From a global perspective, this report represents overall Airborne Wind Turbines market size by analyzing historical data and future prospect.

Regionally, this report categorizes the production, apparent consumption, export and import of Airborne Wind Turbines in North America, Europe, China, Japan, Southeast Asia and India.

For each manufacturer covered, this report analyzes their Airborne Wind Turbines manufacturing sites, capacity, production, ex-factory price, revenue and market share in global market.

The following manufacturers are covered:
Enercon
Vestas
GE Energy
Nordex Group
Siemens
Senvion
Goldwind
United Power
Envision Energy
Suzlon
Segment by Regions
North America
Europe
China
Japan
Southeast Asia
India
Segment by Type
Less Than 1 MW
1 MW-3 MW
More Than 3 MW
Segment by Application
Offshore
Onshore

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