

# Wind Turbine for Power Generation

A wind turbine converts the kinetic energy of wind into electrical energy. These turbines are used in wind farms for large-scale power generation, as well as for smaller applications.



## Product Overview

### Sustainable Wind Energy Solution

This horizontal-axis wind turbine is engineered to efficiently convert kinetic wind energy into reliable electrical power. Designed with a robust tower and high-performance three-blade rotor, it is suitable for both large-scale wind farm applications and decentralized energy needs for businesses or residential properties. By capturing wind energy through its optimized blade design, this system provides a durable and sustainable solution for renewable power generation.

## Technical Specifications

Turbine Type	Horizontal-axis
Rotor Blades	3
Common Applications	Wind Farms, Residential, Commercial