

3kW Variable Pitch Wind Turbine

This 3kW wind turbine is designed for residential or light commercial use. It utilizes a changeable propeller pitch mechanism to maximize energy capture at varying wind speeds.



Overview

High-Efficiency 3kW Variable Pitch Wind Turbine

This 3kW wind generator is engineered for reliable power generation in residential or light commercial applications. Featuring a specialized variable propeller pitch control mechanism, the turbine optimizes energy capture across varying wind speeds. Its design emphasizes safety and performance, including a low wind speed start capability to maximize total energy output.

Key Features

Performance Highlights

3 kW

Rated Power

Core Technologies

Variable Pitch Control, Low Wind Speed Start, Automatic Direction Tracking

Safety & Operation

Safety Mechanisms

- Changeable propeller pitch control for system safety
- Automatic tail fin wind direction tracking

Application

Recommended Use

Residential • Light Commercial • Grid-tied • Off-grid