

# Horizontal Axis Wind Turbine

This horizontal axis wind turbine converts wind energy into electrical power. The turbine features a three-blade rotor mounted on a tower and is suitable for distributed generation applications.



## Overview

### Horizontal Axis Wind Turbine

This horizontal axis wind turbine is engineered to convert wind energy into electrical power efficiently. Featuring a classic three-blade rotor design mounted on a stable, guy-wire supported tower, it is an ideal solution for distributed generation applications. This system provides a reliable and renewable energy source suitable for various off-grid or supplemental power needs.

## Technical Specifications

Turbine Configuration	Horizontal Axis Wind Turbine (HAWT)
Number of Blades	3
Primary Application	Distributed Generation, Renewable Energy, Power Supply

## Design Features

Tower Stability	Guy-wire supported tower
Core Function	Wind energy to electrical power conversion