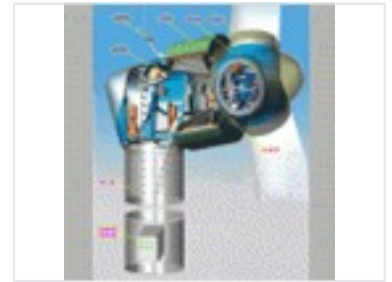


# XE87-2000 Wind Turbine

This wind turbine is a high-performance energy generation system designed for efficient and reliable operation. It maximizes energy capture and conversion with advanced blade aerodynamics and a robust generator.



## Overview

### High-Performance Energy Generation

The XE87-2000 wind turbine is a high-performance energy generation system engineered for maximum efficiency and reliable long-term operation. Utilizing advanced blade aerodynamics and a robust permanent magnet synchronous generator, this unit excels at capturing and converting wind energy under varying atmospheric conditions. Its sophisticated internal control systems and durable construction ensure consistent performance, providing a dependable solution for large-scale renewable energy projects.

## Technical Components

### Key Assemblies

- Aerodynamic Blades
- Wheel Assembly
- Cabin/Nacelle
- Pitch and Yaw Systems
- Permanent Magnet Synchronous Generator
- Power Converters
- Advanced Control Systems
- Structural Tower

### Generator Technology

Permanent Magnet Synchronous Generator

## Performance

### Rated Capacity

**2000 kW**

Rated Power

## Features

### Key Attributes

High Efficiency, Low Maintenance, Durable Construction, Advanced Aerodynamics