

# 3.6MW Offshore Wind Turbine

This 3.6MW offshore wind turbine is designed for efficient energy generation in marine environments. The robust turbine features a tall tower and a three-blade rotor system for high performance and reliability.



## Overview

### Advanced Offshore Wind Solution

This 3.6MW offshore wind turbine represents a significant advancement in large-capacity marine energy generation. Engineered for high performance in harsh environments, it features a compact structure with a 116-meter rotor diameter for optimal wind capture. The system utilizes variable speed and variable blade pitch technology to ensure efficient power delivery at fixed frequencies.

## Performance Metrics

### Rated Capacity

**3.6 MW**

Power Output

## Technical Specifications

Rotor Diameter	116 m
Control Systems	Variable Speed, Variable Blade Pitch, Fixed Frequency

## Design & Construction

Structure Design	Compact offshore-optimized structure
Rotor System	Three-blade high-performance rotor

## Operational Environment

### Installation Environment

Offshore • Marine • High Wind

### Durability & Maintenance

- Built to withstand harsh marine conditions
- Engineered for long operational lifespan
- Designed for minimal maintenance requirements

## Market Validation

### Deployment History

Metric	Status
Installed Units	More than 400 units
Grid Connection	More than 300 sets
Global Reach	MW-grade export history