

# XD115-5000 (XEMC-Darwind)

## Main data

Rated power: 5000 kW  
Rotor diameter: 115 m  
Available  
Class: IEC Ic  
Offshore model: yes  
Commissioning: 2016

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 10386.9 m<sup>2</sup>  
Power density: 2.08 m<sup>2</sup>/kW  
Maximum speed: 18 rd/min

## Tower

Minimum hub height: 80 m  
Maximum hub height: 140 m

## Weights

Nacelle: 184 t  
Rotor + hub: 97 t

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 4 m/s  
Rated wind speed: 14 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: PM  
Number: 1  
Maximum speed: 18 rd/min  
Voltage: 3000 V