

# V110/2000 (Vestas)

## Main data

Rated power: 2000 kW  
Rotor diameter: 110 m  
Available  
Class: IEC IIIa  
Offshore model: no  
Commissioning: 2013

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 9503.3 m<sup>2</sup>  
Power density: 4.75 m<sup>2</sup>/kW

## Tower

Minimum hub height: 80 m  
Maximum hub height: 125 m

## Weights

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 112  
Manufacturer: Winergy, ZF

## Wind speeds

Cut-in wind speed: 4 m/s  
Rated wind speed: 12 m/s  
Cut-off wind speed: 20 m/s

## Generator

Type: DFIG  
Number: 1  
Maximum speed: 1680 rd/min  
Voltage: 690 V  
Manufacturer: Vestas

