

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 m²
Power density: 4.75 m²/kW

Tower

Minimum hub height: 75 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

