

V100/2000 (Vestas)

Main data

Rated power: 2000 kW
Rotor diameter: 100 m
Available
Class: IEC IIb
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m²
Power density: 3.93 m²/kW
Maximum speed: 13,4 rd/min
Manufacturer: Vestas

Tower

Minimum hub height: 80 m
Maximum hub height: 120 m

Weights

Nacelle: 78 t
Rotor + hub: 45 t
Tower: 250 t
Total: 373 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 22 m/s

Generator

Type: DFIG
Number: 1

