

V66/2000 (Vestas)

Main data

Rated power: 2000 kW

Rotor diameter: 66 m

Old model

Class: IEC Ia

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 3421.2 m²

Power density: 1.71 m²/kW

Maximum speed: 19,8 rd/min

Tower

Minimum hub height: 60 m

Maximum hub height: 78 m

Weights

Nacelle: 57 t

Rotor + hub: 23 t

Tower: 146 t

Total: 226 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 17 m/s

Cut-off wind speed: 25 m/s

Generator

Type: IND

Number: 2

Maximum speed: 1575 rd/min

Voltage: 690 V