

6M126 (Senvion)

Main data

Rated power: 6150 kW

Rotor diameter: 126 m

Old model

Class: IEC Ib (DIBt IV)

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 12469 m²

Power density: 2.03 m²/kW

Maximum speed: 12,1 rd/min

Manufacturer: Power Blades

Tower

Minimum hub height: 85 m

Maximum hub height: 117 m

Weights

Nacelle: 325 t

Rotor + hub: 134,5 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 97

Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 14 m/s

Cut-off wind speed: 30 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1170 rd/min

Voltage: 33000 V