

100 (Vensys)

Main data

Rated power: 2500 kW

Rotor diameter: 99.8 m

Old model

Class: IEC IIIa (BIDt II)

Offshore model: no

Commissioning: 2009

Rotor

Number of blades: 3

Type: Pitch

Swept area: 7822.6 m²

Power density: 3.13 m²/kW

Maximum speed: 14,5 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 100 m

Maximum hub height: 100 m

Manufacturer: SIAG Tube & Tower

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 14,5 rd/min

Voltage: 690 V

Manufacturer: Vensys