

100 (Ecotecnia)

Main data

Rated power: 3000 kW

Rotor diameter: 100 m

Old model

Class: IEC II

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 7854 m²

Power density: 2.62 m²/kW

Maximum speed: 14,25 rd/min

Tower

Minimum hub height: 70 m

Maximum hub height: 100 m

Weights

Tower: 145 - 340 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 126

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 15 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1800 rd/min

Voltage: 1000 V

