

Darwind (Darwind)

Main data

Rated power: 5000 kW

Rotor diameter: 115 m

Old model

Offshore model: yes

Rotor

Number of blades: 3

Type: Pitch

Swept area: 10386.9 m²

Power density: 2.08 m²/kW

Maximum speed: 18 rd/min

Tower

Minimum hub height: 85 m

Maximum hub height: 89 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 35 m/s

Generator

Type: SYNC PM

Maximum speed: 18 rd/min