

4.5-148 (Envision)

Main data

Rated power: 4500 kW

Rotor diameter: 148 m

Available

Class: IEC S

Offshore model: no

Commissioning: 2017

Rotor

Number of blades: 3

Type: Pitch

Swept area: 17203.4 m²

Power density: 3.82 m²/kW

Tower

Minimum hub height: 106 m

Maximum hub height: 126 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

Cut-in wind speed: 3 m/s

Cut-off wind speed: 25 m/s

Generator

Number: 1