

1.8-106 (Envision)

Main data

Rated power: 1800 kW

Rotor diameter: 106 m

Available

Class: IEC S

Offshore model: no

Commissioning: 2014

Rotor

Number of blades: 3

Type: Pitch

Swept area: 8824.7 m²

Power density: 4.9 m²/kW

Tower

Minimum hub height: 80 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 9,5 m/s

Cut-off wind speed: 20 m/s

Generator

Type: DFIG

Number: 1

Voltage: 690 V