

3.0-120 (Envision)

Main data

Rated power: 3000 kW

Rotor diameter: 120 m

Available

Class: IEC IIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 11309.7 m²

Power density: 3.77 m²/kW

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 80 m

Maximum hub height: 95 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 25 m/s

Generator

Type: DFIG

Number: 1

Voltage: 690 V