

W2E-120/3.0fc (W2E)

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

Tower

Minimum hub height: 90 m

Maximum hub height: 140 m

Weights

Gearbox

Gearbox: yes

Gear ratio: 43

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 12,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM