

W2E-100/2.5 (W2E)

Main data

Rated power: 2500 kW

Rotor diameter: 100 m

Available

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 7854 m²

Power density: 3.14 m²/kW

Maximum speed: 14,5 rd/min

Tower

Minimum hub height: 85 m

Maximum hub height: 160 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: DFIG

Number: 1

Maximum speed: 14,5 rd/min