

XV90-2000 (XEMC-Darwind)

Main data

Rated power: 2000 kW

Rotor diameter: 90 m

Available

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 6361.7 m²

Power density: 3.18 m²/kW

Maximum speed: 18 rd/min

Tower

Minimum hub height: 80 m

Maximum hub height: 140 m

Weights

Nacelle: 89 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: PM

Number: 1

Maximum speed: 18 rd/min

Voltage: 690 V