

XE128-5000 (XEMC-Darwind)

Main data

Rated power: 5000 kW
Rotor diameter: 128 m
Available
Class: IEC IIb
Offshore model: yes

Rotor

Number of blades: 3
Type: Pitch
Swept area: 12868 m²
Power density: 2.57 m²/kW
Maximum speed: 15 rd/min

Tower

Minimum hub height: 100 m
Maximum hub height: 140 m

Weights

Nacelle: 206 t
Rotor + hub: 126 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: PM
Number: 1
Maximum speed: 15 rd/min
Voltage: 3150 V