

XE82-2000 (XEMC-Darwind)

Main data

Rated power: 2000 kW
Rotor diameter: 82.74 m
Old model
Class: IEC IIb
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5376.8 m²
Power density: 2.69 m²/kW
Maximum speed: 19 rd/min

Tower

Minimum hub height: 70 m
Maximum hub height: 80 m

Weights

Nacelle: 74 t
Rotor + hub: 40 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 19 rd/min
Manufacturer: XEMC-Darwind