

80 2.0 (Ecotecnia)

Main data

Rated power: 2000 kW

Rotor diameter: 80 m

Old model

Class: IEC II

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5026.5 m²

Power density: 2.51 m²/kW

Maximum speed: 18,4 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 70 m

Maximum hub height: 80 m

Weights

Nacelle: 64 t

Rotor + hub: 18 t

Tower: 126 t

Total: 208 t

Gearbox

Gearbox: yes

Gear ratio: 100

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Voltage: 690 V