

82/2050 (e.n.o. energy)

Main data

Rated power: 2050 kW
Rotor diameter: 82.4 m
Old model
Class: IEC IIa (DIBt WZI)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5332.7 m²
Power density: 2.6 m²/kW
Maximum speed: 17,9 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 58,6 m
Maximum hub height: 110 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 96

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 1718 rd/min
Voltage: 690 V