

MM92 Evo (Repower)

Main data

Rated power: 2050 kW

Rotor diameter: 92 m

Old model

Class: IEC IIa (DIBt III)

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 6647.6 m²

Power density: 3.24 m²/kW

Maximum speed: 15 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 68,5 m

Maximum hub height: 100 m

Weights

Rotor + hub: 44,5 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 120

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 10,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: DFIG

Number: 1

Maximum speed: 1800 rd/min

Voltage: 690 V