

MM100 (Senvion)

Main data

Rated power: 2000 kW
Rotor diameter: 100 m
Available
Class: IEC IIIs (DIBt III)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m²
Power density: 3.93 m²/kW
Maximum speed: 13,9 rd/min
Manufacturer: Power Blades

Tower

Minimum hub height: 74,5 m
Maximum hub height: 100 m

Weights

Nacelle: 72,4 t
Rotor + hub: 43 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 130
Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 22 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1800 rd/min
Voltage: 690 V

