

MM82/2050 (Senvion)

Main data

Rated power: 2050 kW
Rotor diameter: 82 m
Available
Class: IEC Ia (DIBt III)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5281 m²
Power density: 2.58 m²/kW
Maximum speed: 17,1 rd/min
Manufacturer: Power Blades

Tower

Minimum hub height: 58,5 m
Maximum hub height: 80 m

Weights

Nacelle: 69 t
Rotor + hub: 36,2 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 106
Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 14,5 m/s
Cut-off wind speed: 22 m/s

Generator

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

