

Q82 (Qreon)

Main data

Rated power: 2000 kW

Rotor diameter: 82.4 m

Old model

Class: IEC IIa (DIBt III)

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5332.7 m²

Power density: 2.67 m²/kW

Maximum speed: 17,9 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 60 m

Maximum hub height: 130 m

Weights

Gearbox

Gearbox: yes

Gear ratio: 99

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 13 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC