

GWP82-2000 (Global Wind Power)

Main data

Rated power: 2000 kW
Rotor diameter: 82.5 m
Old model
Class: IEC IIa
Offshore model: no
Licence: Lagerwey

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5345.6 m²
Power density: 2.67 m²/kW
Maximum speed: 18,5 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 80 m
Maximum hub height: 120 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 18,5 rd/min
Voltage: 690 V
Manufacturer: ABB