

S97/2100 (Suzlon)

Main data

Rated power: 2100 kW
Rotor diameter: 97 m
Old model
Class: IEC IIIa
Offshore model: no
Commissioning: 2011

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7389.8 m²
Power density: 3.52 m²/kW
Maximum speed: 15,5 rd/min

Tower

Minimum hub height: 90 m
Maximum hub height: 120 m

Weights

Nacelle: 20 t
Rotor + hub: 45,9 t

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Voltage: 690 V