

S66/1250 (Suzlon)

Main data

Rated power: 1250 kW
Rotor diameter: 66 m
Old model
Class: IEC IIIa
Offshore model: no
Commissioning: 2002

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3421.2 m²
Power density: 2.74 m²/kW
Maximum speed: 20,7 rd/min

Tower

Minimum hub height: 56 m
Maximum hub height: 74 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 74,9

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 21 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1506 rd/min
Voltage: 690 V