

S64/1000 (Suzlon)

Main data

Rated power: 1000 kW
Rotor diameter: 64 m
Old model
Class: IEC S
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3217 m²
Power density: 3.22 m²/kW
Maximum speed: 20,8 rd/min

Tower

Minimum hub height: 65 m
Maximum hub height: 65 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 89

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1810 rd/min
Voltage: 690 V