

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