

S88/2000 (Suzlon)

Main data

Rated power: 2000 kW

Rotor diameter: 88 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Swept area: 6082.1 m²

Power density: 3.04 m²/kW

Maximum speed: 15,5 rd/min

Tower

Minimum hub height: 80 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 99

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 14 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1510 rd/min

Voltage: 690 V