SG500.50 (S&G Engineering)

Main data

Rated power: 500 kW
Rotor diameter: 50 m
Available
Class: IEC IIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1963.5 m2
Power density: 3.93 m2/kW

Tower

Minimum hub height: 50 m
Maximum hub height: 73 m

Weights

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1