

# S50/750 (Goldwind)

## Main data

Rated power: 750 kW  
Rotor diameter: 50 m  
Old model  
Class: IEC IIa  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Stall  
Swept area: 1963.5 m<sup>2</sup>  
Power density: 2.62 m<sup>2</sup>/kW  
Maximum speed: 21,4 rd/min

## Tower

Minimum hub height: 60 m  
Maximum hub height: 100 m

## Weights

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 70

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 14,5 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: DFIG  
Number: 1  
Maximum speed: 1500 rd/min  
Voltage: 690 V  
Manufacturer: Goldwind

