

# G52/850 (Gamesa)

## Main data

Rated power: 850 kW Rotor diameter: 52 m

Old model
Class: IEC la
Offshore model: no
Commissioning: 2001

#### Rotor

Number of blades: 3

Type: Pitch

Swept area: 2123.7 m2
Power density: 2.5 m2/kW
Maximum speed: 30,8 rd/min
Manufacturer: Gamesa

#### Tower

Minimum hub height: 44 m Maximum hub height: 65 m Manufacturer: Gamesa

# Weights

Nacelle: 23 t
Rotor + hub: 10 t
Tower: 40 - 91 t
Total: 73 - 124 t

## Gearbox

Gearbox: yes Stages: 3

Gear ratio: 61,74

Manufacturer: Echesa, Fellar, Hansen, Lohman

# Wind speeds

Cut-in wind speed: 4 m/s Rated wind speed: 16 m/s Cut-off wind speed: 25 m/s



## Generator

Type: ASYNC Number: 1

Maximum speed: 1900 rd/min

Voltage: 690 V

Manufacturer: Indar, Cantarey