

G39 (Gamesa)

Main data

Rated power: 500 kW
Rotor diameter: 39 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 1194.6 m²
Power density: 2.39 m²/kW
Maximum speed: 30 rd/min

Tower

Minimum hub height: 40,5 m
Maximum hub height: 53 m

Weights

Tower: 58 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 50

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Maximum speed: 1522 rd/min
Voltage: 690 V