

62 (Ecotecnia)

Main data

Rated power: 1300 kW
Rotor diameter: 62 m
Old model
Class: IEC I
Offshore model: no
Commissioning: 2001

Rotor

Number of blades: 3
Type: Stall
Swept area: 3019.1 m²
Power density: 2.32 m²/kW
Maximum speed: 19 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 60 m
Maximum hub height: 80 m

Weights

Nacelle: 63 t
Rotor + hub: 15 t
Tower: 149 t
Total: 229 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 182
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 16 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1518 rd/min
Voltage: 690 V
Manufacturer: Siemens, Elin

