62/1300 (Izar)

Main data

Rated power: 1300 kW
Rotor diameter: 62 m
Old model
Offshore model: no

Rotor

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

Tower

Minimum hub height: 50 m
Maximum hub height: 68 m
Manufacturer: Izar

Weights

Nacelle: 46,5 t
Rotor + hub: 34,4 t
Tower: 93,5 t
Total: 174,4 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 79
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 690 V
Manufacturer: ABB