

44/600 (Izar)

Main data

Rated power: 600 kW
Rotor diameter: 44 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Swept area: 1520.5 m²
Power density: 2.53 m²/kW
Maximum speed: 27 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 35 m
Maximum hub height: 60 m
Manufacturer: Izar

Weights

Nacelle: 22,5 t
Rotor + hub: 14,2 t
Tower: 70 t
Total: 106,7 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 55
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