

W2500/220 (Wind World)

Main data

Rated power: 220 kW
Rotor diameter: 25 m
Old model
Offshore model: yes

Rotor

Number of blades: 3
Type: Stall
Swept area: 490.9 m²
Power density: 2.23 m²/kW
Maximum speed: 41 rd/min

Tower

Minimum hub height: 31 m
Maximum hub height: 31 m

Weights

Nacelle: 6,8 t
Rotor + hub: 5 t
Tower: 13,5 t
Total: 25,3 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 24
Manufacturer: Wind World

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 13,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1000 rd/min
Voltage: 400 V