

W250/29 (Wind World)

Main data

Rated power: 250 kW
Rotor diameter: 29.2 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 669.7 m²
Power density: 2.68 m²/kW
Maximum speed: 38,5 rd/min

Tower

Minimum hub height: 31 m
Maximum hub height: 50 m

Weights

Nacelle: 7,9 t
Rotor + hub: 5 t
Tower: 34 t
Total: 46,9 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 33
Manufacturer: Wind World

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1010 rd/min
Voltage: 400 V