

W250/29 (Wincon)

Main data

Rated power: 250 kW

Rotor diameter: 29 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Stall

Swept area: 660.5 m²

Power density: 2.64 m²/kW

Maximum speed: 38 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 30 m

Maximum hub height: 30 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 40

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: 1000 rd/min

Voltage: 400 V