

250 kW (ITP)

Main data

Rated power: 250 kW
Rotor diameter: 30 m
Old model
Offshore model: no

Rotor

Number of blades: 2
Type: Pitch
Swept area: 706.9 m²
Power density: 2.83 m²/kW
Maximum speed: 70 rd/min

Tower

Minimum hub height: 30 m
Maximum hub height: 50 m

Weights

Nacelle: 7,5 t
Rotor + hub: 2,5 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 26,6

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Voltage: 230 - 400 V