

250/31 (NEPC)

Main data

Rated power: 250 kW
Rotor diameter: 31 m
Available
Class: IEC IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 754.8 m²
Power density: 3.02 m²/kW
Maximum speed: 41,2 rd/min

Tower

Minimum hub height: 30 m
Maximum hub height: 45 m

Weights

Nacelle: 8,5 t
Rotor + hub: 5,5 t
Tower: 14 - 30 t
Total: 28 - 44 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 36,6

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 13,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 415 V