

Nordic 500 (Nordic Windpower)

Main data

Rated power: 500 kW
Rotor diameter: 36 m
Old model
Offshore model: no

Rotor

Number of blades: 2
Swept area: 1017.9 m²
Power density: 2.04 m²/kW
Maximum speed: 41 rd/min

Tower

Minimum hub height: 40 m
Maximum hub height: 40 m

Weights

Nacelle: 10 t
Tower: 16,5 t

Gearbox

Gearbox: yes
Stages: 2
Gear ratio: 37
Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 15 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 400 V