

N100/2500 (Nordex)

Main data

Rated power: 2500 kW
Rotor diameter: 100 m
Available
Class: IEC IIa (BIDt II)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m²
Power density: 3.14 m²/kW
Maximum speed: 16,8 rd/min
Manufacturer: LM Glasfiber, Nordex

Tower

Minimum hub height: 75 m
Maximum hub height: 100 m

Weights

Nacelle: 91 t
Rotor + hub: 57 t
Tower: 310 t
Total: 456 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 77,4
Manufacturer: Eickhoff, Bosch Rexroth

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 20 m/s

Generator

Type: ASYNC DF
Number: 1
Maximum speed: 1300 - 1560 rd/min
Voltage: 660 V

