

N60/1300 (Nordex)

Main data

Rated power: 1300 kW
Rotor diameter: 60 m
Old model
Class: IEC Ia (BIDt III)
Offshore model: no
Commissioning: 1997

Rotor

Number of blades: 3
Type: Stall
Swept area: 2827.4 m²
Power density: 2.17 m²/kW
Maximum speed: 19,2 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 46 m
Maximum hub height: 69 m

Weights

Nacelle: 51 t
Rotor + hub: 22 t
Tower: 73 - 106 t
Total: 146 - 179 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 78
Manufacturer: Eickhoff, Maag, Winergy

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 17 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 - 1800 rd/min
Voltage: 690 V
Manufacturer: Elin, Winergy

