

N1000-54 (Nordic Windpower)

Main data

Rated power: 1000 kW

Rotor diameter: 54 m

Old model

Offshore model: no

Rotor

Number of blades: 2

Type: Stall

Swept area: 2290.2 m²

Power density: 2.29 m²/kW

Maximum speed: 25 rd/min

Tower

Minimum hub height: 60 m

Maximum hub height: 70 m

Weights

Gearbox

Gearbox: yes

Gear ratio: 87

Wind speeds

Cut-in wind speed: 5 m/s

Rated wind speed: 16,5 m/s

Cut-off wind speed: 25 m/s

Generator

Voltage: 600 - 690 V