T600-48 (Turbowinds)

Main data

Rated power: 600 kW
Rotor diameter: 48 m
Old model
Class: IEC II
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 1809.6 m2
Power density: 3.02 m2/kW
Maximum speed: 23 rd/min

Tower

Minimum hub height: 50 m
Maximum hub height: 60 m

Weights

Nacelle: 30 t
Rotor + hub: 5 t
Tower: 61 t
Total: 96 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s



Generator

Type: ASYNC
Number: 1
Maximum speed: 1500 rd/min
Voltage: 690 V