

# T500-48 (Turbowinds)

## Main data

Rated power: 500 kW

Rotor diameter: 48 m

Old model

Class: IEC IIA

Offshore model: no

## Rotor

Number of blades: 3

Type: Stall

Swept area: 1809.6 m<sup>2</sup>

Power density: 3.62 m<sup>2</sup>/kW

Maximum speed: 23 rd/min

## Tower

Minimum hub height: 50 m

Maximum hub height: 60 m

## Weights

Total: 96 t

## Gearbox

Gearbox: yes

Stages: 3

## Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC

Number: 1

Maximum speed: 1500 rd/min

Voltage: 690 V