

# 40/500 (NedWind)

## Main data

Rated power: 500 kW  
Rotor diameter: 40.77 m  
Old model  
Class: IEC II  
Offshore model: yes

## Rotor

Number of blades: 2  
Type: Stall  
Swept area: 1305.5 m<sup>2</sup>  
Power density: 2.61 m<sup>2</sup>/kW  
Maximum speed: 32 rd/min  
Manufacturer: NedWind

## Tower

Minimum hub height: 39 m  
Maximum hub height: 65 m

## Weights

Nacelle: 30,5 t  
Rotor + hub: 12 t  
Tower: 22 t  
Total: 64,5 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 47,3  
Manufacturer: Hansen

## Wind speeds

Cut-in wind speed: 4,5 m/s  
Rated wind speed: 17 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 2  
Maximum speed: 1525 rd/min  
Voltage: 380 V  
Manufacturer: ABB