

# E40/500 (Wobben)

## Main data

Rated power: 500 kW  
Rotor diameter: 40 m  
Old model  
Offshore model: no  
Licence: Enercon

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 1256.6 m<sup>2</sup>  
Power density: 2.51 m<sup>2</sup>/kW  
Maximum speed: 34 rd/min

## Tower

Minimum hub height: 42 m  
Maximum hub height: 65 m

## Weights

Nacelle: 26,5 t  
Rotor + hub: 120 t

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 2,5 m/s  
Rated wind speed: 13,5 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: SYNC Wounded  
Number: 1  
Maximum speed: 38 rd/min  
Voltage: 440 V