

# E82/3000 (Enercon)

## Main data

Rated power: 3000 kW  
Rotor diameter: 82 m  
Available  
Class: IEC Ia/Ia  
Offshore model: no  
Commissioning: 2010

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 5281 m<sup>2</sup>  
Power density: 1.76 m<sup>2</sup>/kW  
Maximum speed: 18 rd/min  
Manufacturer: Enercon

## Tower

Minimum hub height: 59 m  
Maximum hub height: 84 m  
Manufacturer: SAM

## Weights

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 2 m/s  
Rated wind speed: 17 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: SYNC PM  
Number: 1  
Maximum speed: 18 rd/min  
Voltage: 690 V  
Manufacturer: Enercon