

# E82/2300 (Enercon)

## Main data

Rated power: 2300 kW  
Rotor diameter: 82 m  
Available  
Class: IEC/NVN IIA (WZ III)  
Offshore model: no  
Commissioning: 2009

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 5281 m<sup>2</sup>  
Power density: 2.3 m<sup>2</sup>/kW  
Maximum speed: 18 rd/min  
Manufacturer: Enercon

## Tower

Minimum hub height: 78 m  
Maximum hub height: 138 m  
Manufacturer: Enercon

## Weights

Rotor + hub: 55 t

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 2 m/s  
Rated wind speed: 14 m/s  
Cut-off wind speed: 25 m/s

## Generator

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

