

# E48/800 (Enercon)

## Main data

Rated power: 800 kW  
Rotor diameter: 48 m  
Available  
Class: IEC IIa (DIBt WZ III)  
Offshore model: no  
Commissioning: 2004

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 1809.6 m<sup>2</sup>  
Power density: 2.26 m<sup>2</sup>/kW  
Maximum speed: 31,5 rd/min  
Manufacturer: Enercon

## Tower

Minimum hub height: 50 m  
Maximum hub height: 76 m  
Manufacturer: SAM

## Weights

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 14 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: SYNC Wounded  
Number: 1  
Maximum speed: 31 rd/min  
Voltage: 400 - 690 V  
Manufacturer: Enercon

