

# WM28/300 (Windmaster)

## Main data

Rated power: 300 kW  
Rotor diameter: 28 m  
Old model  
Class: IEC II  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 615.8 m<sup>2</sup>  
Power density: 2.05 m<sup>2</sup>/kW  
Maximum speed: 43 rd/min

## Tower

Minimum hub height: 33 m  
Maximum hub height: 50 m

## Weights

Nacelle: 15 t  
Tower: 27 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 35  
Manufacturer: Hansen, PIV

## Wind speeds

Cut-in wind speed: 5 m/s  
Rated wind speed: 14 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1515 rd/min  
Voltage: 380 V  
Manufacturer: ABB, AEG