

# WD77-1500 (Windey)

## Main data

Rated power: 1500 kW

Rotor diameter: 77 m

Old model

Class: IEC IIa

Offshore model: no

## Rotor

Number of blades: 3

Type: Pitch

Swept area: 4656.6 m<sup>2</sup>

Power density: 3.1 m<sup>2</sup>/kW

Maximum speed: 17,2 rd/min

## Tower

Minimum hub height: 65 m

Maximum hub height: 160 m

## Weights

Rotor + hub: 61 t

## Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 104

## Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 11,5 m/s

Cut-off wind speed: 25 m/s

## Generator

Type: DFIG

Number: 1

Maximum speed: 1800 rd/min

Voltage: 690 V