

# V82/1500 (Vestas)

## Main data

Rated power: 1500 kW  
Rotor diameter: 82 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Stall  
Swept area: 5281 m<sup>2</sup>  
Power density: 3.52 m<sup>2</sup>/kW  
Maximum speed: 14 rd/min  
Manufacturer: Vestas

## Tower

Minimum hub height: 64 m  
Maximum hub height: 109 m

## Weights

## Gearbox

Gearbox: yes  
Stages: 2  
Gear ratio: 70,2  
Manufacturer: Hansen

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 12 m/s  
Cut-off wind speed: 18 m/s

## Generator

Type: SYNC  
Number: 1  
Maximum speed: 1000 rd/min  
Voltage: 690 V