

# H151-5000 (CSIC HZ Windpower)

## Main data

Rated power: 5000 kW  
Rotor diameter: 151 m  
Under development  
Class: IEC Ia/IIIb+  
Offshore model: yes

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 17907.9 m<sup>2</sup>  
Power density: 3.58 m<sup>2</sup>/kW  
Manufacturer: LM Wind Power

## Tower

Minimum hub height: 97 m  
Maximum hub height: 97 m

## Weights

Nacelle: 217 t  
Rotor + hub: 154 t

## Gearbox

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 10,6 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: SYNC PM  
Number: 1  
Voltage: 690 V