

# EX-100/100-2500 (Extol Wind)

## Main data

Rated power: 2500 kW  
Rotor diameter: 100 m  
Available  
Class: IEC IIb/IIIa  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 7854 m<sup>2</sup>  
Power density: 3.14 m<sup>2</sup>/kW  
Maximum speed: 17 rd/min

## Tower

Minimum hub height: 100 m  
Maximum hub height: 100 m

## Weights

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 11,5 m/s  
Cut-off wind speed: 24 m/s

## Generator

Type: SYNC PM  
Maximum speed: 17 rd/min  
Voltage: 690 V