

# LW250-30 (Lagerwey)

## Main data

Rated power: 250 kW  
Rotor diameter: 30 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 2  
Swept area: 706.9 m<sup>2</sup>  
Power density: 2.83 m<sup>2</sup>/kW  
Maximum speed: 70 rd/min

## Tower

Minimum hub height: 40 m  
Maximum hub height: 50 m  
Manufacturer: Esta, Pfeleiderer

## Weights

Nacelle: 6 t  
Rotor + hub: 1 t  
Tower: 51 t  
Total: 58 t

## Gearbox

Gearbox: yes  
Stages: 2  
Gear ratio: 27  
Manufacturer: Flender

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 13 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 2000 rd/min  
Voltage: 400 V  
Manufacturer: ABB