

# LW250-27 (Lagerwey)

## Main data

Rated power: 250 kW  
Rotor diameter: 27 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 2  
Type: Pitch  
Swept area: 572.6 m<sup>2</sup>  
Power density: 2.29 m<sup>2</sup>/kW  
Maximum speed: 70 rd/min

## Tower

Minimum hub height: 36 m  
Maximum hub height: 50 m  
Manufacturer: Esta, Pfeleiderer

## Weights

Nacelle: 7,5 t  
Rotor + hub: 2,5 t  
Tower: 51 t  
Total: 61 t

## Gearbox

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

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 14 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1500 rd/min  
Voltage: 400 V  
Manufacturer: ABB