

# AWT-27 (AWT Inc)

## Main data

Rated power: 275 kW  
Rotor diameter: 27.4 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 3  
Swept area: 589.6 m<sup>2</sup>  
Power density: 2.14 m<sup>2</sup>/kW  
Maximum speed: 53 rd/min

## Tower

Minimum hub height: 37 m  
Maximum hub height: 37 m

## Weights

## Gearbox

Gearbox: yes  
Stages: 2  
Gear ratio: 34  
Manufacturer: Flender

## Wind speeds

Cut-in wind speed: 5 m/s  
Rated wind speed: 15 m/s  
Cut-off wind speed: 23 m/s

## Generator

Type: SYNC  
Number: 1  
Maximum speed: 1800 rd/min  
Voltage: 480 V