

# AE-45 (Made)

## Main data

Rated power: 600 kW  
Rotor diameter: 45 m  
Old model  
Offshore model: no

## Rotor

Number of blades: 3  
Swept area: 1590.4 m<sup>2</sup>  
Power density: 2.65 m<sup>2</sup>/kW  
Maximum speed: 26,5 rd/min  
Manufacturer: LM Glasfiber

## Tower

Minimum hub height: 44 m  
Maximum hub height: 44 m

## Weights

Nacelle: 25 t  
Rotor + hub: 12 t  
Tower: 40 t  
Total: 77 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 57  
Manufacturer: Echesa

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 13,5 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Maximum speed: 1500 rd/min  
Voltage: 690 V