

# 80 1.6 (Ecotecnia)

## Main data

Rated power: 1670 kW  
Rotor diameter: 80 m  
Old model  
Class: IEC IIIa  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 5026.5 m<sup>2</sup>  
Power density: 3.01 m<sup>2</sup>/kW  
Maximum speed: 18,4 rd/min  
Manufacturer: LM Glasfiber

## Tower

Minimum hub height: 60 m  
Maximum hub height: 80 m

## Weights

Nacelle: 63 t  
Rotor + hub: 18 t  
Tower: 126 t  
Total: 207 t

## Gearbox

Gearbox: yes  
Stages: 3  
Gear ratio: 98,07  
Manufacturer: Flender

## Wind speeds

Cut-in wind speed: 3 m/s  
Rated wind speed: 12,5 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: ASYNC  
Number: 1  
Voltage: 690 V

