

AE-61 (Made)

Main data

Rated power: 1320 kW

Rotor diameter: 61 m

Old model

Class: IEC Ia

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 2922.5 m²

Power density: 2.21 m²/kW

Maximum speed: 18,8 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 58,5 m

Maximum hub height: 58,5 m

Weights

Nacelle: 49 t

Rotor + hub: 23 t

Tower: 89,5 t

Total: 161,5 t

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 81

Manufacturer: Flender

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 17 m/s

Cut-off wind speed: 25 m/s

Generator

Type: ASYNC

Number: 1

Maximum speed: 1520 rd/min

Voltage: 690 V

Manufacturer: Siemens