

GW70/1500 (Goldwind)

Main data

Rated power: 1500 kW

Rotor diameter: 70.3 m

Old model

Class: IEC Ia/IIa1

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 3881.5 m²

Power density: 2.59 m²/kW

Maximum speed: 19 rd/min

Manufacturer: LM Glasfiber

Tower

Minimum hub height: 65 m

Maximum hub height: 100 m

Weights

Nacelle: 50 t

Rotor + hub: 28 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 14 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 19 rd/min

Voltage: 690 V

Manufacturer: Goldwind

