

2.5-116 (GE Energy)

Main data

Rated power: 2500 kW

Rotor diameter: 116 m

Available

Class: IEC S

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 10568.3 m²

Power density: 4.23 m²/kW

Manufacturer: LM Wind Power/#ND

Tower

Minimum hub height: 80 m

Maximum hub height: 94 m

Manufacturer: GE Power and Water

Weights

Gearbox

Gearbox: yes

Gear ratio: 111,986

Manufacturer: GE Energy/Siemens/ZF Wind

Power

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 10,5 m/s

Generator

Type: DFIG

Number: 1

Maximum speed: 1497 rd/min

Voltage: 690 V

Manufacturer: INDAR/Winergy