

L82/2000 (Lagerwey)

Main data

Rated power: 2000 kW

Rotor diameter: 82.5 m

Old model

Class: IEC IIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 5345.6 m²

Power density: 2.67 m²/kW

Maximum speed: 18,5 rd/min

Tower

Minimum hub height: 66 m

Maximum hub height: 110 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,7 m/s

Rated wind speed: 12,5 m/s

Cut-off wind speed: 28 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 18,5 rd/min

Voltage: 690 V

Manufacturer: Lagerwey