LW100/2500 (Lagerwey)

Main data

Rated power: 2500 kW
Rotor diameter: 100 m
Available
Class: IEC IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m2
Power density: 3.14 m2/kW
Maximum speed: 15,3 rd/min

Tower

Minimum hub height: 90 m
Maximum hub height: 135 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,1 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 28 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 15,3 rd/min
Voltage: 690 V
Manufacturer: Lagerwey