

aM 1.5/92 (Aerovide)

Main data

Rated power: 1500 kW

Rotor diameter: 92.1 m

Available

Class: TC3B (IEC IIIb)

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 6662.1 m²

Power density: 4.44 m²/kW

Maximum speed: 16,6 rd/min

Tower

Minimum hub height: 80 m

Maximum hub height: 90 m

Weights

Nacelle: 61,5 t

Rotor + hub: 35,1 t

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

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

Rated wind speed: 10 m/s

Cut-off wind speed: 25 m/s

Generator

Type: DFIG

Number: 1

Voltage: 690 V