

aM 2.5/96 (Aerovide)

Main data

Rated power: 2500 kW

Rotor diameter: 96.1 m

Old model

Class: TC2A+ (IEC IIa)

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 7253.3 m²

Power density: 2.9 m²/kW

Maximum speed: 14,8 rd/min

Tower

Minimum hub height: 70 m

Maximum hub height: 80 m

Weights

Nacelle: 93,2 t

Rotor + hub: 55,5 t

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

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

Rated wind speed: 12 m/s

Cut-off wind speed: 25 m/s

Generator

Type: DFIG

Number: 1

Voltage: 690 V