

aM 2.5/120 (Aerodyn Energiesysteme GmbH)

Main data

Rated power: 2500 kW
Rotor diameter: 120 m
Available
Class: TC3B
Offshore model: no
Commissioning: 2016

Rotor

Number of blades: 3
Type: Pitch
Swept area: 11309.7 m²
Power density: 4.52 m²/kW
Maximum speed: 12,2 rd/min

Tower

Weights

Nacelle: 93,2 t
Rotor + hub: 53,4 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-off wind speed: 22 m/s

Generator

Type: DFIG
Number: 1
Voltage: 690 V