

aM 1.5/77 (Aerovide)

Main data

Rated power: 1500 kW
Rotor diameter: 77.1 m
Available
Class: TC2A+ (IEC IIa)
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 4668.7 m²
Power density: 3.11 m²/kW
Maximum speed: 18,5 rd/min

Tower

Minimum hub height: 70 m
Maximum hub height: 80 m

Weights

Nacelle: 61,5 t
Rotor + hub: 31,5 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Voltage: 690 V