

AW 2mW 100 (Aeronautica Windpower)

Main data

Rated power: 2050 kW
Rotor diameter: 100 m
Old model
Class: IEC IIIa (GL3a)
Offshore model: no
Licence: W2E
Commissioning: 2016

Rotor

Number of blades: 3
Type: Pitch
Swept area: 7854 m²
Power density: 3.83 m²/kW
Maximum speed: 17,7 rd/min

Tower

Minimum hub height: 85 m
Maximum hub height: 141 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 12,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1