

AW-3000/140 (Acciona)

Main data

Rated power: 3000 kW
Rotor diameter: 140 m
Available
Class: IEC S
Offshore model: no
Commissioning: 2017

Rotor

Number of blades: 3
Type: Pitch
Swept area: 15393.8 m²
Power density: 5.13 m²/kW

Tower

Minimum hub height: 120 m
Maximum hub height: 120 m
Manufacturer: Acciona Windpower

Weights

Nacelle: 106 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3 m/s
Cut-off wind speed: 20 m/s

Generator

Type: DFIG
Number: 1
Voltage: 12000 V