

WD110-2500 (Windey)

Main data

Rated power: 2500 kW

Rotor diameter: 110 m

Old model

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 9503.3 m²

Power density: 3.8 m²/kW

Maximum speed: 13 rd/min

Tower

Minimum hub height: 80 m

Maximum hub height: 100 m

Weights

Gearbox

Gearbox: yes

Stages: 3

Gear ratio: 92

Wind speeds

Cut-in wind speed: 2,5 m/s

Rated wind speed: 11 m/s

Cut-off wind speed: 20 m/s

Generator

Type: DFIG

Number: 1

Maximum speed: 1200 rd/min

Voltage: 690 V