

W1250/64 (Shanghai Electric)

Main data

Rated power: 1250 kW
Rotor diameter: 64.3 m
Old model
Class: IEC IIIa
Offshore model: no
Licence: Dewind

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3247.2 m²
Power density: 2.6 m²/kW
Maximum speed: 16,8 rd/min

Tower

Minimum hub height: 55 m
Maximum hub height: 91,5 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 53

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1500 rd/min
Voltage: 690 V