

W1250/70 (Shanghai Electric)

Main data

Rated power: 1250 kW
Rotor diameter: 70.3 m
Old model
Class: IEC IIIb
Offshore model: no
Licence: Dewind
Commissioning: 2004

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3881.5 m²
Power density: 3.11 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

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 23 m/s

Generator

Type: DFIG
Number: 1
Maximum speed: 1812 rd/min
Voltage: 690 V