

CCWE-1500/82.DF (China Creative Wind Energy)

Main data

Rated power: 1500 kW
Rotor diameter: 82 m
Old model
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5281 m²
Power density: 3.52 m²/kW
Maximum speed: 19 rd/min

Tower

Minimum hub height: 70 m
Maximum hub height: 70 m

Weights

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 104,1

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 11 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Voltage: 690 V