

CCWE-1500/77.DF (China Creative Wind Energy)

Main data

Rated power: 1500 kW

Rotor diameter: 77.5 m

Available

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 4717.3 m²

Power density: 3.14 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: 11,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: DFIG

Number: 1

Maximum speed: 1800 rd/min

Voltage: 690 V