

E30/200 (Enercon)

Main data

Rated power: 200 kW

Rotor diameter: 30 m

Old model

Offshore model: no

Commissioning: 1994

Rotor

Number of blades: 3

Type: Pitch

Swept area: 706.9 m²

Power density: 3.53 m²/kW

Maximum speed: 48 rd/min

Manufacturer: Enercon

Tower

Minimum hub height: 36 m

Maximum hub height: 50 m

Weights

Nacelle: 12,6 t

Rotor + hub: 3,8 t

Tower: 27,3 t

Total: 43,7 t

Gearbox

Direct drive

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: SYNC Wounded

Number: 1

Maximum speed: 48 rd/min

Voltage: 440 V

Manufacturer: Enercon