

E138/3500 (Enercon)

Main data

Rated power: 3500 kW

Rotor diameter: 138 m

Old model

Class: IEC IIIa

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 14957.1 m²

Power density: 4.27 m²/kW

Maximum speed: 10,8 rd/min

Manufacturer: Enercon

Tower

Minimum hub height: 81 m

Maximum hub height: 160 m

Weights

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

Number: 1

Maximum speed: 10,8 rd/min