

E115/3000 (Enercon)

Main data

Rated power: 3000 kW
Rotor diameter: 115.7 m
Available
Class: IEC IIa (WZ III)
Offshore model: no
Commissioning: 2013

Rotor

Number of blades: 3
Type: Pitch
Swept area: 10513.7 m²
Power density: 3.5 m²/kW
Maximum speed: 12,8 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 92 m
Maximum hub height: 149 m
Manufacturer: Enercon

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 12,8 rd/min
Voltage: 690 V
Manufacturer: Enercon