

E147/5000 (Enercon)

Main data

Rated power: 5000 kW
Rotor diameter: 147 m
Old model
Class: IEC IIa
Offshore model: no
Commissioning: 2019

Rotor

Number of blades: 3
Type: Pitch
Swept area: 16971.7 m²
Power density: 3.39 m²/kW
Maximum speed: 10,3 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 126 m
Maximum hub height: 155 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC
Number: 1
Maximum speed: 10,3 rd/min