

E44/900 (Enercon)

Main data

Rated power: 900 kW
Rotor diameter: 44 m
Old model
Class: IEC IA(S) - IEC IA
Offshore model: no
Commissioning: 2006

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1520.5 m²
Power density: 1.69 m²/kW
Maximum speed: 34,5 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 45 m
Maximum hub height: 55 m
Manufacturer: SAM

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 17 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC Wounded
Number: 1
Maximum speed: 34 rd/min
Voltage: 400 - 690 V
Manufacturer: Enercon

