E44/600 (Enercon)

Main data

Rated power: 600 kW
Rotor diameter: 44 m
Old model
Class: IEC Ia
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1520.5 m2
Power density: 2.53 m2/kW
Maximum speed: 34 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 50 m
Maximum hub height: 78 m
Manufacturer: SAM

Weights

Nacelle: 20,5 t
Rotor + hub: 8,7 t
Tower: 99 t
Total: 128,2 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 13 m/s
Cut-off wind speed: 25 m/s



Generator

Type: SYNC Wounded
Number: 1
Maximum speed: 34 rd/min
Voltage: 440 V
Manufacturer: Enercon