

E48/800 (Wobben)

Main data

Rated power: 800 kW
Rotor diameter: 48 m
Old model
Class: IEC IIa (DIBt WZ III)
Offshore model: no
Licence: Enercon

Rotor

Number of blades: 3
Type: Pitch
Swept area: 1809.6 m²
Power density: 2.26 m²/kW
Maximum speed: 31,5 rd/min
Manufacturer: Enercon

Tower

Minimum hub height: 50 m
Maximum hub height: 76 m
Manufacturer: SAM

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC Wounded
Number: 1
Maximum speed: 31 rd/min
Voltage: 400 - 690 V
Manufacturer: Enercon