

52-750 (AWE)

Main data

Rated power: 750 kW

Rotor diameter: 52 m

Old model

Offshore model: no

Licence: Lagerwey

Rotor

Number of blades: 3

Type: Pitch

Swept area: 2123.7 m²

Power density: 2.83 m²/kW

Maximum speed: 26 rd/min

Tower

Minimum hub height: 40 m

Maximum hub height: 75 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3 m/s

Rated wind speed: 14,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC

Maximum speed: 26 rd/min

Voltage: 600 - 690 V