

Liberty C99 (Clipper)

Main data

Rated power: 2500 kW

Rotor diameter: 99 m

Old model

Class: IEC IIIb

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 7697.7 m²

Power density: 3.08 m²/kW

Maximum speed: 15,5 rd/min

Tower

Minimum hub height: 80 m

Maximum hub height: 80 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 14 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Maximum speed: 15,5 rd/min

Voltage: 690 V