

K120 (Kenersys)

Main data

Rated power: 2300 kW

Rotor diameter: 120 m

Old model

Class: IEC III

Offshore model: no

Rotor

Number of blades: 3

Type: Pitch

Swept area: 11309.7 m²

Power density: 4.92 m²/kW

Maximum speed: 11,9 rd/min

Tower

Minimum hub height: 90 m

Maximum hub height: 145 m

Weights

Nacelle: 94 t

Rotor + hub: 69 t

Gearbox

Gearbox: yes

Stages: 3

Wind speeds

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

Rated wind speed: 11 m/s

Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM

Number: 1

Maximum speed: 1650 rd/min

Voltage: 600 V