K110 (Kenersys)

Main data

Rated power: 2400 kW
Rotor diameter: 110 m
Old model
Class: IEC III
Offshore model: no
Commissioning: 2012

Rotor

Number of blades: 3
Type: Pitch
Swept area: 9503.3 m2
Power density: 3.96 m2/kW
Maximum speed: 12,8 rd/min

Tower

Minimum hub height: 95 m
Maximum hub height: 145 m

Weights

Nacelle: 90 t
Rotor + hub: 62 t

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 1500 rd/min
Voltage: 600 V