

6.2M152 (Senvion)

Main data

Rated power: 6150 kW
Rotor diameter: 152 m
Old model
Class: IEC S
Offshore model: yes

Rotor

Number of blades: 3
Type: Pitch
Swept area: 18145.8 m²
Power density: 2.95 m²/kW
Maximum speed: 10,1 rd/min

Tower

Minimum hub height: 95 m
Maximum hub height: 124 m

Weights

Nacelle: 80 t
Rotor + hub: 156,5 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 116
Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 4 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 30 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1170 rd/min
Voltage: 33000 V