

SWT-3.6-120 (Siemens)

Main data

Rated power: 3600 kW
Rotor diameter: 120 m
Old model
Class: IEC Ia
Offshore model: yes
Commissioning: 2010

Rotor

Number of blades: 3
Type: Pitch
Swept area: 11309.7 m²
Power density: 3.14 m²/kW
Maximum speed: 13 rd/min
Manufacturer: Siemens

Tower

Minimum hub height: 90 m
Maximum hub height: 90 m

Weights

Nacelle: 125 t
Rotor + hub: 100 t
Tower: 210 t
Total: 435 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 119
Manufacturer: Winergy

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: ASYNC
Number: 1
Maximum speed: 1300 rd/min
Voltage: 690 V
Manufacturer: Siemens