

SWT-3.6-107 (Siemens)

Main data

Rated power: 3600 kW
Rotor diameter: 107 m
Old model
Class: IEC Ia
Offshore model: yes
Commissioning: 2005

Rotor

Number of blades: 3
Type: Pitch
Swept area: 8992 m²
Power density: 2.5 m²/kW
Maximum speed: 13 rd/min
Manufacturer: Siemens

Tower

Minimum hub height: 80 m
Maximum hub height: 96 m

Weights

Nacelle: 125 t
Rotor + hub: 100 t
Tower: 255 t
Total: 475 t

Gearbox

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

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 16,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1300 rd/min
Voltage: 750 - 690 V
Manufacturer: ABB