

SWT-2.3-101 (Siemens)

Main data

Rated power: 2300 kW
Rotor diameter: 101 m
Old model
Class: IEC IIb
Offshore model: no
Commissioning: 2008

Rotor

Number of blades: 3
Type: Pitch
Swept area: 8011.8 m²
Power density: 3.48 m²/kW
Maximum speed: 16 rd/min
Manufacturer: Siemens

Tower

Minimum hub height: 80 m
Maximum hub height: 100 m

Weights

Nacelle: 82 t
Rotor + hub: 62 t
Tower: 162 t
Total: 306 t

Gearbox

Gearbox: yes
Stages: 3
Gear ratio: 91
Manufacturer: Winergy

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 20 m/s

Generator

Type: ASYNC
Number: 1
Maximum speed: 1600 rd/min
Voltage: 750 V

