

STX93 2.0 MW (STX Windpower)

Main data

Rated power: 2000 kW
Rotor diameter: 93.3 m
Old model
Class: IEC IIIb
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6836.8 m²
Power density: 3.42 m²/kW
Maximum speed: 16,5 rd/min
Manufacturer: LM Glasfiber

Tower

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

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 20 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 16,5 rd/min
Voltage: 660 V