

STX72 (STX Windpower)

Main data

Rated power: 2000 kW
Rotor diameter: 70.65 m
Old model
Class: IEC IIb
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 3920.3 m²
Power density: 1.96 m²/kW
Maximum speed: 22,5 rd/min
Manufacturer: LM Glasfiber

Tower

Minimum hub height: 65 m
Maximum hub height: 80 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 14 m/s
Cut-off wind speed: 20 m/s

Generator

Type: SYNC PM
Number: 1
Maximum speed: 22,5 rd/min
Voltage: 660 V