

SURNPS 21-100 (SUREnergy)

Main data

Rated power: 100 kW

Rotor diameter: 21 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Stall

Swept area: 346.4 m²

Power density: 3.46 m²/kW

Maximum speed: 59 rd/min

Tower

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3,5 m/s

Rated wind speed: 14,5 m/s

Cut-off wind speed: 25 m/s

Generator

Type: PM

Maximum speed: 59 rd/min

Voltage: 480 V