

SURNPS 21-100 (SUREnergy)

Main data

Rated power: 100 kW
Rotor diameter: 21 m
Available
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