

P25-100 (Polaris America)

Main data

Rated power: 100 kW
Rotor diameter: 19.1 m
Available
Class: IEC II/III
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 286.5 m²
Power density: 2.87 m²/kW
Maximum speed: 50 rd/min

Tower

Minimum hub height: 30,5 m
Maximum hub height: 45,7 m

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 9,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: PM
Voltage: 460 V