

100 kW (Polaris America)

Main data

Rated power: 100 kW
Rotor diameter: 19.1 m
Old model
Class: IEC IIa
Offshore model: no

Rotor

Number of blades: 3
Type: Stall
Swept area: 286.5 m²
Power density: 2.87 m²/kW

Tower

Weights

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 25 m/s

Generator

Type: PM