

A1000S (AAER)

Main data

Rated power: 1000 kW

Rotor diameter: 54 m

Old model

Offshore model: no

Rotor

Number of blades: 3

Type: Stall

Swept area: 2290.2 m²

Power density: 2.29 m²/kW

Maximum speed: 22 rd/min

Tower

Minimum hub height: 70 m

Maximum hub height: 82 m

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 4 m/s

Rated wind speed: 12,5 m/s

Cut-off wind speed: 22 m/s

Generator