

AP300 (Adventure Power)

Main data

Rated power: 300 kW
Rotor diameter: 32 m
Old model
Class: IEC IIIb
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 804.2 m²
Power density: 2.68 m²/kW
Maximum speed: 54 rd/min

Tower

Minimum hub height: 32 m
Maximum hub height: 32 m

Weights

Tower: 28 t

Gearbox

Direct drive

Wind speeds

Cut-in wind speed: 3,5 m/s
Rated wind speed: 12 m/s
Cut-off wind speed: 20 m/s

Generator

Type: IG
Number: 1
Maximum speed: 54 rd/min
Voltage: 400 V