

UP82 (Guodian United Power)

Main data

Rated power: 1500 kW
Rotor diameter: 82.76 m
Available
Class: IEC IIIa
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 5379.4 m²
Power density: 3.59 m²/kW
Maximum speed: 19,5 rd/min
Manufacturer: Guodian United Power

Tower

Minimum hub height: 65 m
Maximum hub height: 80 m

Weights

Gearbox

Gearbox: yes
Stages: 3

Wind speeds

Cut-in wind speed: 2,5 m/s
Rated wind speed: 11,5 m/s
Cut-off wind speed: 25 m/s

Generator

Type: DFIG
Number: 1
Voltage: 690 V
Manufacturer: XEMC-Darwind