

# UP77 (Guodian United Power)

## Main data

Rated power: 1500 kW  
Rotor diameter: 77.36 m  
Available  
Class: IEC IIa  
Offshore model: no

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 4700.3 m<sup>2</sup>  
Power density: 3.13 m<sup>2</sup>/kW

## Tower

Minimum hub height: 65 m  
Maximum hub height: 75 m

## Weights

## Gearbox

Gearbox: yes  
Stages: 3

## 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: DFIG  
Number: 1  
Voltage: 690 V