

# UE 1.65 77 IIA (United Energies)

## Main data

Rated power: 1650 kW  
Rotor diameter: 77 m  
Available  
Class: IEC IIA  
Offshore model: no  
Commissioning: 2016

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 4656.6 m<sup>2</sup>  
Power density: 2.82 m<sup>2</sup>/kW  
Maximum speed: 18 rd/min

## Tower

Minimum hub height: 70 m  
Maximum hub height: 80 m

## Weights

## Gearbox

Direct drive

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 15 m/s  
Cut-off wind speed: 25 m/s

## Generator

Type: SYNC  
Number: 1  
Maximum speed: 18 rd/min