

FD89-1500 (Dongfang Electric Corporation)

Main data

Rated power: 1500 kW
Rotor diameter: 89 m
Available
Class: IEC IIIB
Offshore model: no

Rotor

Number of blades: 3
Type: Pitch
Swept area: 6221.1 m²
Power density: 4.15 m²/kW

Tower

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

Weights

Gearbox

Gearbox: yes

Wind speeds

Cut-in wind speed: 3 m/s
Rated wind speed: 10 m/s
Cut-off wind speed: 20 m/s

Generator

Type: DFIG