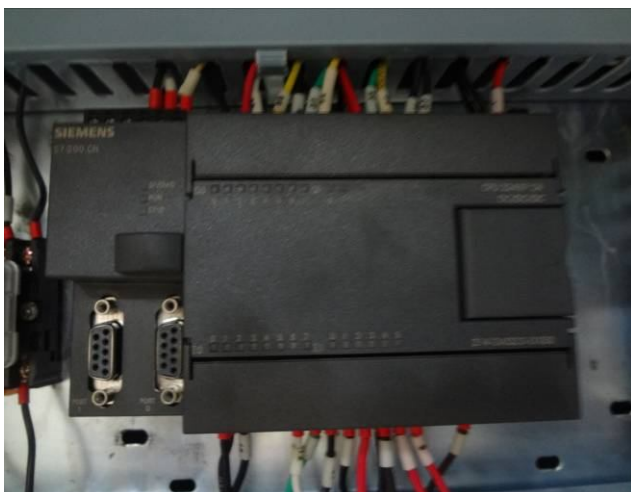


Shandong Yaneng New Energy Equipment Co.,Ltd.

No.587, Jinghua Road, Dezhou Economic Development Zone, Shandong Province ,China

Tel:0086-534-2755278, e-mail : cnwindgenerator@gmail.com

FD14-30KW (FD14.0-30000)



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Tower:

- Tower Height: 18m
- Material: Galvanized steel, three sections with different diameters, inserted into one section when transporting, which will save freight fees

Generator:

- Type: Asynchronous, 22 poles (11 Pole pairs)
- Rating: 30KW, 150 rpm, 500VDC
- Generator: Permanent magnet (Nd-Fe-B) 38SH
- Certificate: CE
- Superior grade bearings (NSK/SKF), long-term grease, run 30000 hours without maintenance
- Advantage: electric pitch control

Component Weight:

- Wind turbine Mainbody : 2,000 kgs
- Blades: 600 kgs
- Tower weight : 3883kgs (thickness 8mm)

Operational Data:

- Start-up wind speed: 3m/s
- Rated wind speed : 9m/s
- Cut-out wind speed: 35m/s
- Survival wind speed: 50m/s

Rotor:

- 3 bladed, upwind
- Diameter: 14.0m
- Swept Area: 154 m²

Blades:

- Fiberglass reinforced polyester
- Technology : via foaming
- Blade sensor
- Resin : American Ashland
- Vacuum infusion technology, without bubble, high strength , light weight

Protection Mode:

- Yaw
- Dumpload
- Manual/Automatic
- Feathering propeller
- Electromagnetic Brake
- Temperature sensors for alternator and controller

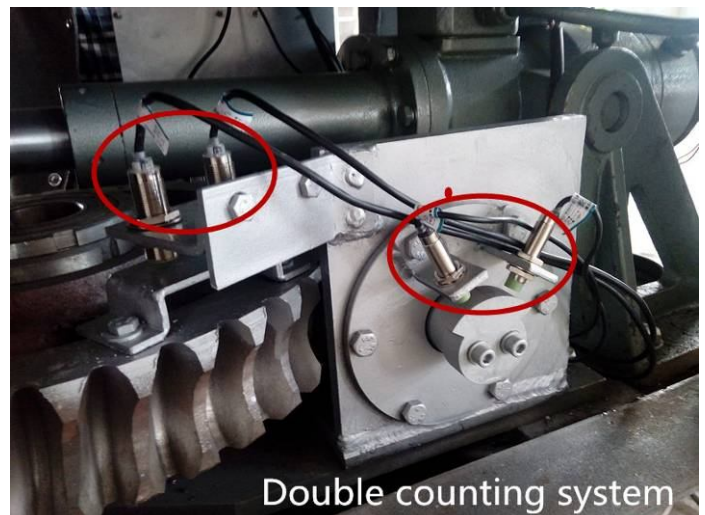
Controller:

- SIEMENS PLC
- SIEMENS Touch screen interface
- Remote control and monitoring by connecting PC
- anemometer

Miscellaneous:

Controller can be mounted near the turbine outdoors

Notes: All personnel working on or around a turbine installation should be cautious at all times.



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SHIPPING:

·All prices quoted are FOB Qingdao

WARRANTY:

·Turbines are warranted for a period of two years.

PRICE:

Item	Detail information	FOB Price
YNWT30KW Active electric Pitch control system	Nose cone, Blades (3 pieces), Hub , Alternator , Nacelle , Anemometer	USD 18350 / Set
Control system with dumpload	Siemens PLC S7-200	
Free Stand tower and accessories Height : 18m	Including 3 section tower , working platform , maintenance ladder , foundation bolts , foundation position plate, cable . Thickness 8mm , weight 3883kgs , hot dip galvanizing	USD7150 / Set

Grand Total : USD25500

NOTES

1. Delivery dates will be within 30 DAYS after confirming the advance payment.
2. Please confirm system availability, delivery dates and price with us.
3. Annual electrical production in kilowatt-hours will vary dependent upon your wind speed averages.

Power curve :

FD14-30KW Wind Turbine		
Wind Speed (m/s)	RPM (r/min)	Output power (kw)
3	36	0.8
4	48	2.0
5	60	3.9
6	72	6.7
7	84	10.7
8	96	15.9
9	108	22.7
10	120	30
11	120	30
12	120	30

