

# How to dismantle the Wind Rider generator

Why do wind turbines use permanent magnet rotor alternator?

The generators, adopting patented permanent magnet rotor alternator, with a special kind of stator design, efficiently decrease resistance torque. Meanwhile, it makes the wind turbines match the generators quite well and increases its reliability. Part 3.

How to connect a wind turbine flange to a steel pipe?

With this method, connect the three pairs of wires (attention: the joint of the wires can't bear the weight of the tower leads directly, so wires 100mm downward from the joint should be wrapped with adhesive tape and then stuffed into the steel pipe. After that, wind turbine flange and tower flange can be connected. 7.

Where should a wind turbine flange be led out?

The upper end is led out through the center bore of the wind turbine flange, while the bottom end is led out from the pipe opening which is 30cm away from the ground. The section from the opening to the point which is 60cm beneath ground should be protected by iron pipes whose O.D should be 17mm to 21mm.

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