



## Windmill 12V



Wexik

VIEW IN BROWSER

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### Summary

Toy for electric man

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[12v](#) [windmill](#) [mill](#) [medival](#) [medivalhouse](#)

This is a windmill. but it is not powered by the wind but by a 9V battery or a 12V source. rev regulator.

It is necessary to buy a Battery box with connector (male), Female connector, switch, speed regulator, motor. holes are set to these references

Switch

<https://dratek.cz/arduino/1244-prepinac-kolebkovy-led-dioda-zluta.html>

Cable

<https://dratek.cz/arduino/885-vodice-10kusu-krokodyl-klip.html>

Rev.regulator

<https://dratek.cz/arduino/2037-regulator-rychlosti-dc-motoru-5v-35v-5a-20khz.html>

Connector

<https://dratek.cz/arduino/34676-dc-jack-samice-do-panelu-5.5-x-2.1-mm.html>

Motor

<https://dratek.cz/arduino/123002-stejnospmny-motor-s-prevodovkou->

[dc-12v-60-rpm-n20.html](https://www.majkl3d.cz/p/lozisko-608zz?gclid=Cj0KCQjwj5mpBhDJARIsAOVjBdrx3_DNDGQ2R8PfTz1sfkIKGKixtkRwjH6zny1zkljbB.608Z)

Battery box

<https://dratek.cz/arduino/51379-bateriovy-box-9v-s-krytem-a-on-off-prepinacem-dc-2-1mm-konektor.html>

it is advisable, but not a condition, to use a ball bearing to attach the propeller

[https://www.majkl3d.cz/p/lozisko-608zz?](https://www.majkl3d.cz/p/lozisko-608zz?gclid=Cj0KCQjwj5mpBhDJARIsAOVjBdrx3_DNDGQ2R8PfTz1sfkIKGKixtkRwjH6zny1zkljbB.608Z)

[gclid=Cj0KCQjwj5mpBhDJARIsAOVjBdrx3\\_DNDGQ2R8PfTz1sfkIKGKixtkRwjH6zny1zkljbB.608Z](https://www.majkl3d.cz/p/lozisko-608zz?gclid=Cj0KCQjwj5mpBhDJARIsAOVjBdrx3_DNDGQ2R8PfTz1sfkIKGKixtkRwjH6zny1zkljbB.608Z)

Connection Connect the battery box via the connector (male) to the female connector. thread the cable through the opening. Connect from the connector to the switch. If you have a switch like mine, you have to connect both + and - (because of the led light). I have it + and - on the sides and the + then goes from the center. then connect + and - to the appropriate place in the regulator and from the regulator to the motor. I fixed the motor with electrical tape to keep it in position. Check your components carefully, they may be different.

first run the cables before connecting the components so that everything fits together. I recommend soldering and not having unnecessarily long cables. I recommend gluing the plastics afterwards.

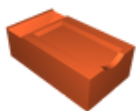
as an improvement that I didn't do, you can supplement the led with lighting inside

I will be happy for tips and ideas, or complaints so that I can possibly correct the problems

## 3D PRINTING SETTINGS

3D print support roof and window

## Model files



**adaptor-motor-v3.stl**



**button-holder-v4.stl**

**will-wheel-v3.stl**



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**wildmill-v3.stl**



## Other files



**project-wildmill3mf.zip**

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