

# Glass Tumbler Quick Start Guide

## Parts you should have

1) Glass Tumbler



2) Electronics Box



3) Connection Cables with Fuses

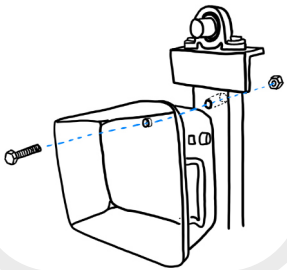


4) Solar Panel on Stand with Fuses

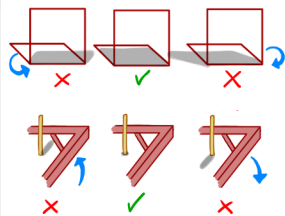


## Setup and Start

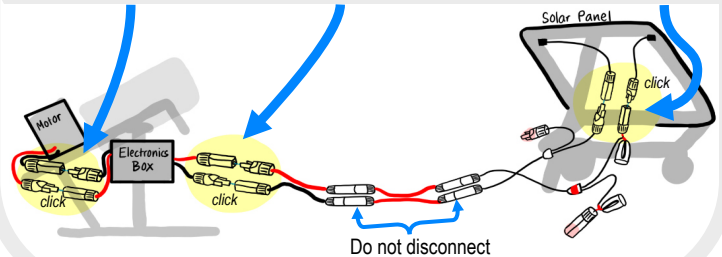
1) Attach the electronics box to the tumbler with the screw provided



2) Point the solar panel directly toward the sun



3) Connect the electronics box to the motor



4) Connect the extension cable to the electronics box

5) Connect the extension cable to the solar panel

6) Flip all the switches in the electronics box from green to red



7) Check the voltages

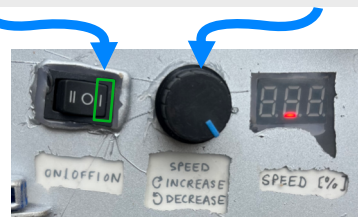
They should be within the ranges specified below



8) Turn the switch to the I (on) position

9) Spin the speed adjustment knob to adjust the speed to 70

Note: Don't switch it to the II position



## When You Leave

1. Turn off the tumbler by reducing the speed to 0 and flipping the switch to the off (o) position
2. Flip all switches in the electronics from red to green
3. Disconnect the cables in the three places where you connected them
4. Lock the motor box
5. Store the solar panel and electronics box in a safe place
6. Empty out all glass and water from the tumbler (otherwise you will create rust)

## ⚠ Important Rules

- ! Never connect the solar panel cables directly to the motor. The electronics box must always be in between.
- ! Stop operation if you hear loud or unusual noises
- ! No hands near the moving chain
- ! Keep water away from the electronics box
- ! Never leave the electronics box or the solar panel unattended
- ! Always disconnect the motor from the electronics box when emptying the tumbler (the cable is not long enough)

# Malangizo Ofulumira Oyambitsa Tumbler ya Galasi

## Zida zofunika

1) Tumbler ya Galasi



2) Bokosi la Zamagawo a moto



3) Makata olumikiza ndi Fuse

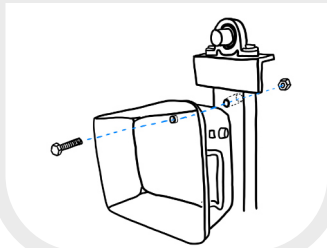


4) Solar Panel pa Stand

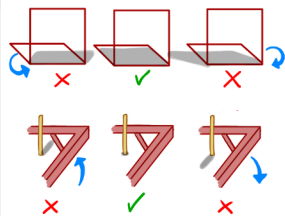


## Kukonza ndi Kuyambitsa

1) Lumikiza bokosi la zamagawo ku tumbler ndi screw yomwe yaperekedwa



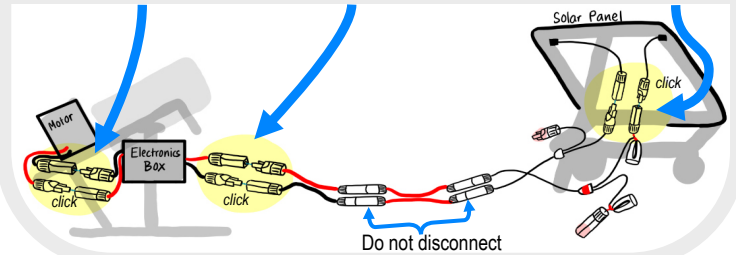
2) Yang'anitsani solar panel ku dzuwa molunjika



3) Lumikiza bokosi la zamagawo ku mota

4) Lumikiza chingwe chotalikitsa ku bokosi la zamagawo.

5) Lumikiza chingwe chotalikitsa ku solar panel.



6) Sinthani maswitch onse mu bokosi kuchokera ku green kupita ku red.



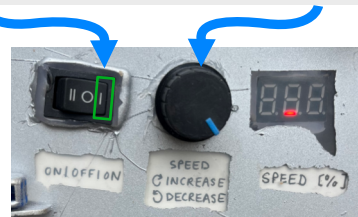
7) Yang'anani ma voltage

Ziyenera kukhala mkati mwa ma range omwe afotokozedwa pansipa.



8) Sinthani switch ku I (on).

Chonde dziwani: Musasinthe ku malo a II.



9) Sinthani knob ya liwiro kufika pa 70 %.

## Zoyenera kuchita mukasiya

1. Chepetsani liwiro kufika pa 0 ndi kusuntha switch ku off (0).
2. Sinthani maswitch onse kuchokera ku red kupita ku green.
3. Chotsani makata pamalo atatu olumikizira.
4. Tsekani bokosi la mota.
5. Sungani solar panel ndi bokosi la zamagawo pamalo otetezeka.
6. Chotsani galasi ndi madzi mu tumbler kuti mupewe dzimbiri.

## ⚠ Malangizo Ofunika

! Osalumikiza makata a solar panel mwachindunji ku mota; bokosi la zamagawo liyenera kukhala pakati.

! Imitsani ntchito mukamva phokoso lalikulu kapena losazolowereka.

! Sungani manja kutali ndi unyolo wosuntha.

! Sungani madzi kutali ndi bokosi la zamagawo.

! Osasiya bokosi la zamagawo kapena solar panel osayang'aniridwa.

! Chotsani mota ku bokosi la zamagawo mukamachotsa zinthu mu tumbler (chingwe sichitalika).