

1. How does this screen work?

The solar panel collects sunlight and converts it into energy to charge the battery. So, you can still use the screen on days that are not as sunny thanks to the energy stored in the battery. Naturally, the solar panel must always be in a place where it can get enough sunlight. The Topfix Solar's scope of application, therefore, is also geographically defined based on this and on the prevailing weather conditions.

2. Can the Topfix Solar be used in any country?

The Topfix Solar is available worldwide, for countries between 52° Northern- and Southernlatitude (between 52° N and 52° S). This scope corresponds to areas where the sun gives enough energy to shine on the solar panel and generate energy.

It cannot be ruled out that the Topfix Solar will also work in areas outside these latitudes. There are useful tools to check whether the sun's orientation and energy are sufficient, e.g. the Solar by Somfy app.

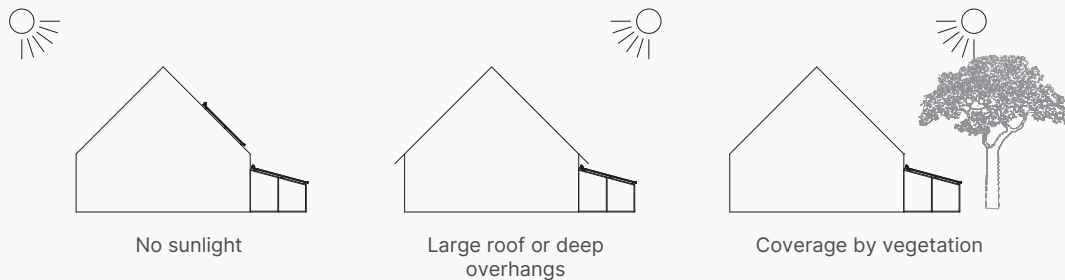
Any use outside of the scope of application as defined by Renson is not in conformity. Because of this and a disregard for the instructions in the manual, any liability and warranty on Renson's behalf become null and void and the proper operation of your Topfix Solar cannot be guaranteed.



3. Are there points for attention concerning installation?

Never install the solar panel under a deep overhang or in the shade. The light-sensitive cells must always be accessible by sunlight, so never put anything in front of them. Make sure that the solar panel remains free of snow and that the light-sensitive cells are not blocked by plant growth, overhanging elements, etc.

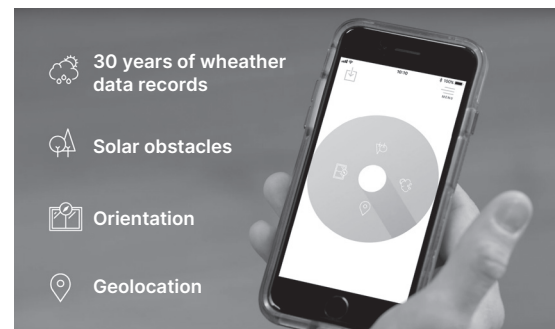
In below mentioned circumstances Renson recommends not to use the Topfix Solar.



Not sure whether to go for solar-powered Renson® external sun protection screens?



The Somfy Solar app enables you to see which Solar solutions might be suitable, in advance and in a specific environment. The app is available for free in the App Store and via Google Play.



4. Can a Topfix Solar be used for indoor installation?

This is possible. It will, however, mean drilling an opening through the wall or roof with a diameter of 18 mm. The waterproof connector is 17.8 mm.

Operation is possible via a single-channel remote control (ref. 33115) and a 5-channel remote control (ref. 33113). If you have opted for a 5-channel remote control, you have to choose the number for which you want to couple the screen.

Topfix Solar also has a compatible wind sensor (33223).

5. What is the autonomy of the motor?

I.e. how many days can the motor continue to operate without sunlight, or how many times can this be raised and lowered when the battery is full?

This depends on several peripheral factors, including the size of the screen, the temperature, orientation, the angle at which the sunlight hits the solar cell, etc.

Our tests show:

- Testing setup with following dimensions 4 m W x 3 m H with fully loaded battery and covered solar cell. With a full battery, the Topfix Solar motor can execute 100 movements or 50 cycles.

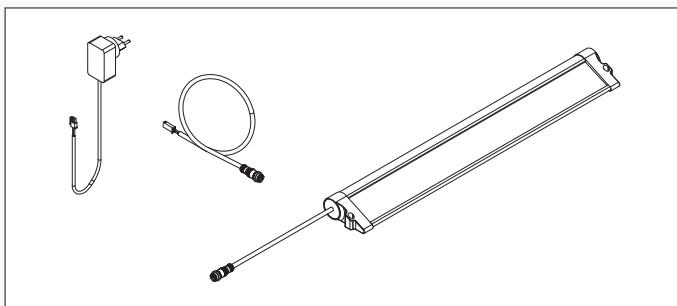
6. How long will the battery last as from the installation?

The battery is fully charged when manufacturing each order and a sticker with the charge date is affixed to the battery. The battery is depleted by 30% after 6 months.

7. What is the adapter for the battery and how does it work?

This is the battery's charger. Can be ordered via RIO when configuring the Topfix Solar screen (33178 - 12V battery charger for Topfix Solar + adapter cable).

- **Topfix Solar with radio-controlled motor**



Loosen the connection between the motor and the solar wing.
Connect the charging cable to the solar wing and connect to the power supply.
Plug it into a 230V plug to charge the battery.

8. How do you program the motor?

Consult the assembly instructions for this.

9. How do you replace the motor?

Replacing the motor is the same principle as with the regular Topfix, but here the endcap on the motor side must be loosened.

10. Which type of motor is used for the Topfix Solar?

The Topfix Solar is equipped with a radio-controlled motor.

Motor	
Power supply	12 V
Radio frequency	868,30 MHz
Index protection rating	IP 44
Operating temperature	-10°C/+60°C
Maximum number of connected control points	29
Electrical insulation	Class III

11. The motor does not respond and appears to be defective

As this motor is powered by a battery, the frequency of the signal detection for this motor was halved. The motor scans for signals every 2 seconds. Therefore, it is possible that the screen will not respond immediately when you want to operate it. You simply need to hold down the control for a longer time to make the screen work.

If no response from the motor, check whether the LED flashes when in use to rule out that the cause lies with the hand-held transmitter.

The solar panel needs sunlight to charge its battery.

Is the solar panel in a location in the sun? If there is a lot of shade, the battery may be flat.

Please also check that the solar panel connector is still properly connected to the motor cable.

12. Does the Topfix Solar come with a charger as a standard?

No. An optional charger can be ordered through RIO. 33178 - 12V battery charger for Topfix solar + adapter cable.

13. How do I add a new remote control?

- **Step 1** - Take the remote control that has already been coupled with the motor. If you are setting up a 5-channel remote: select the channel to copy. Press and hold Button A until the screen starts to move. Look at the screen to ascertain the direction in which it is moving (up or down).
- **Step 2** - Take the new remote control. If setting up a 5-channel remote: select the desired channel. Look at the direction in which the screen is moving (up or down) and press the arrow corresponding to that direction (up or down) on the new remote control. Do this within 5 seconds. The new remote control has now been added.
- **Step 3** - If the procedure was not successful, try again.

14. How do I copy remote controls?

At Remote Control 1, press the left button on the remote, then press the button at Remote Control 2 and then up or down with the arrow.

15. How do I restore the factory settings?

If this concerns a remote control already in use: Use the right button on the back.

If this concerns a new remote control: Connect it to the power supply for 2 seconds. The motor will move twice.

The remote control will be restored to its factory settings the second time it moves.