

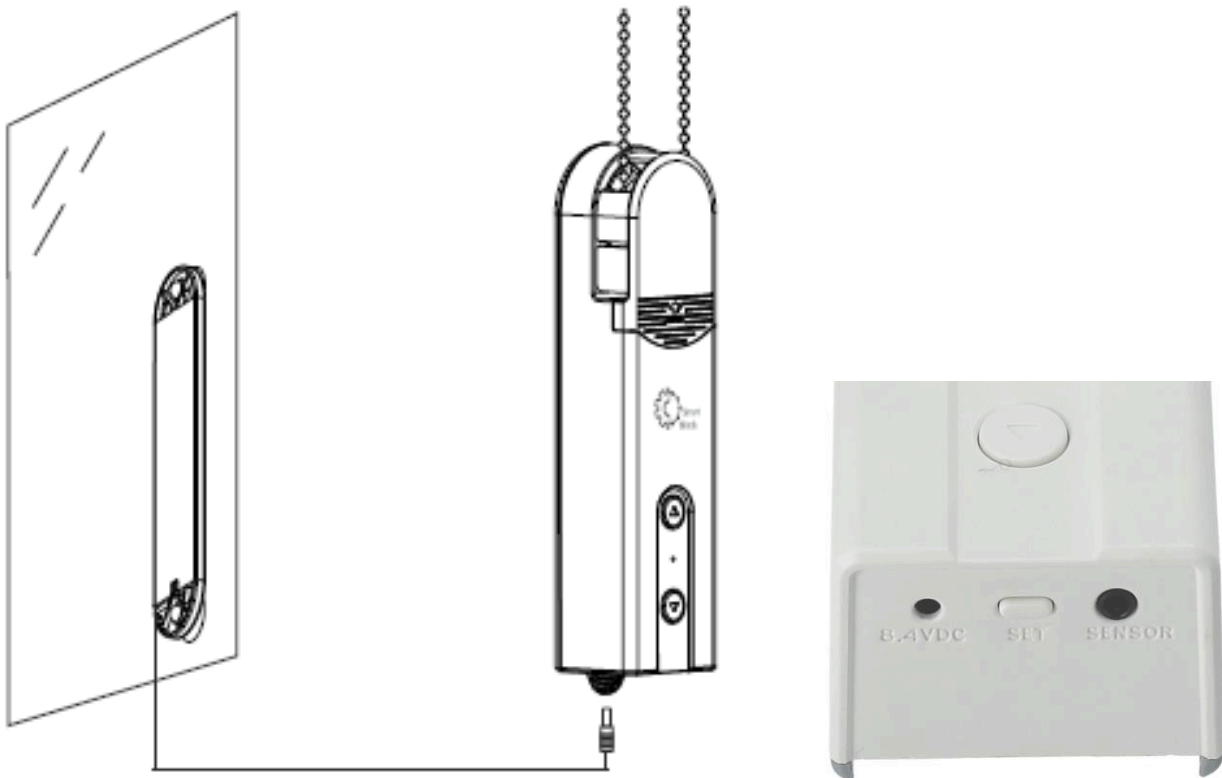
## Solar-panel SBS-301 - instruction

[!] Do not disassemble the housing. Avoid mechanical damage. Do not allow contact with water.

[!] Do not put anything on the surface of the solar panel as this may cause it to malfunction.

[!] Product is not a toy. Keep away from children under 5 years as small parts and / or damaged parts may cause choking. In the event of choking, seek medical attention immediately.

Attach the solar panel to the window and connect it to the motor (**SENSOR** socket)



The solar panel constantly recharges the motor's batteries, so there is no need to recharge with a charger. However, it does not replace a charger, as its power is insufficient to fully charge a fully discharged battery. The power of the hold depends on the intensity of sunlight, which means that on cloudy and winter days its efficiency is lower than on sunny and summer days.

In addition, the bonus of having a solar panel is a light sensor that allows the Smart Blinds engine to run **winter mode** (sunrise and sunset mode) and **summer mode** (sun protection mode).

### Tips for winter / summer mode:

Winter and summer mode only works when the solar panel with light sensor is connected to the Smart Blinds motor

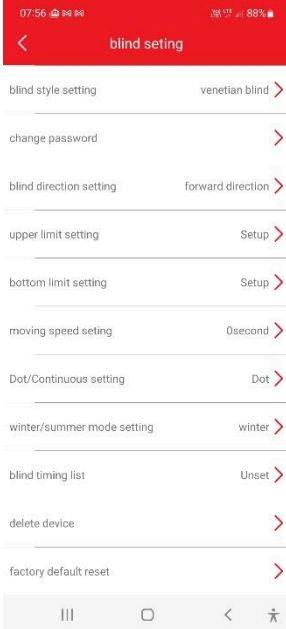
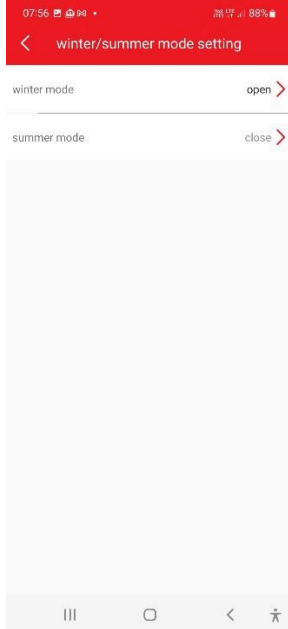
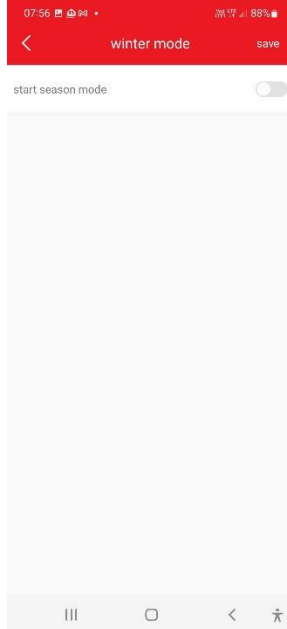

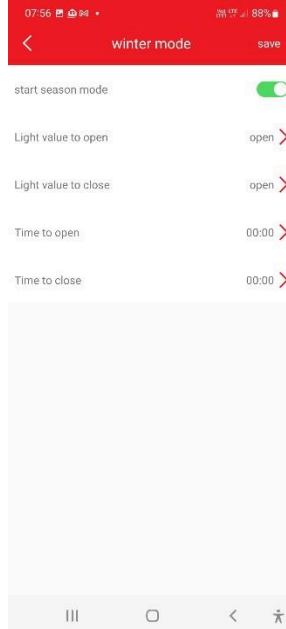
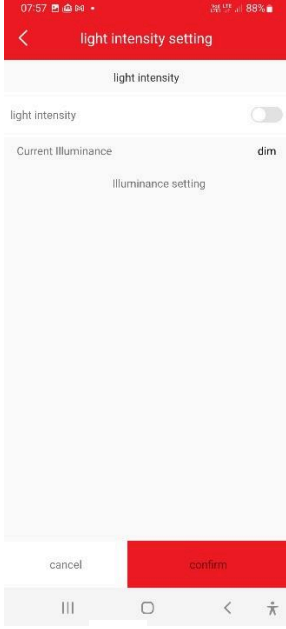

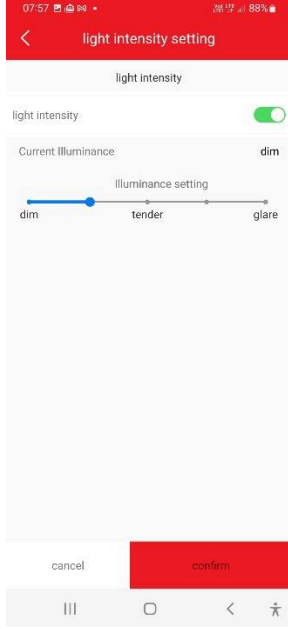
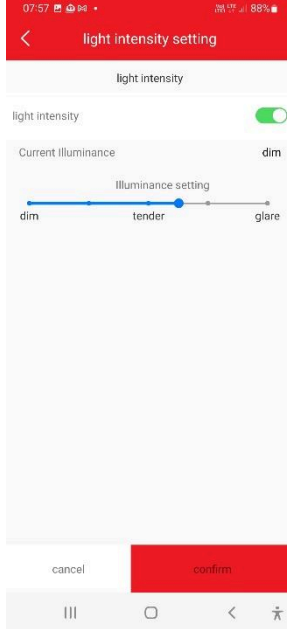
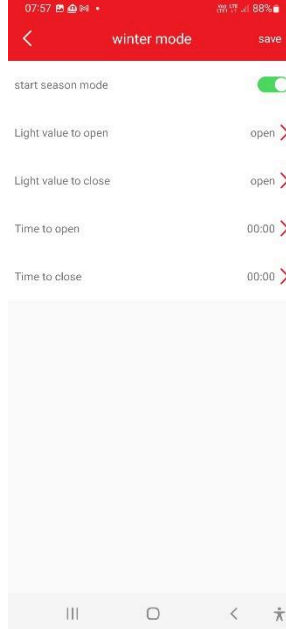
Note: to prevent accidental reaction caused by unexpected circumstances (e.g. lighting through the headlight of a car), the light sensor will start working after 10 minutes in the preset lighting level. As a result, the sensor will not be too sensitive, which will avoid unnecessary opening / closing of the roller blind.

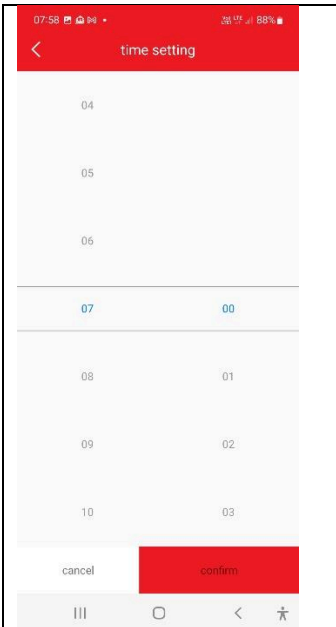

**Winter mode (sunrise and sunset modes):** The roller blinds opens at sunrise and closes at sunset.

Note: in winter mode, the blind opens when the current light level is **higher** than the light level setting value in the app, and the shutter closes when the current light level is **lower** than the setting value in the app.

Note: The light level setting value of the blinds opening must be higher than the light level setting value of the blinds.

**Enabling winter mode in the application:**

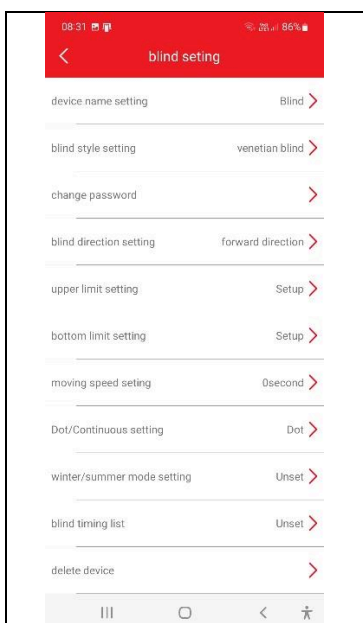
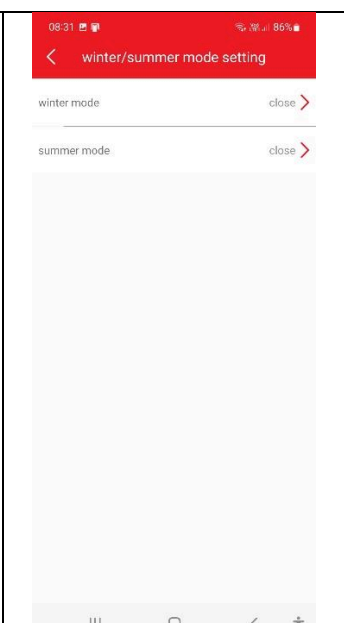
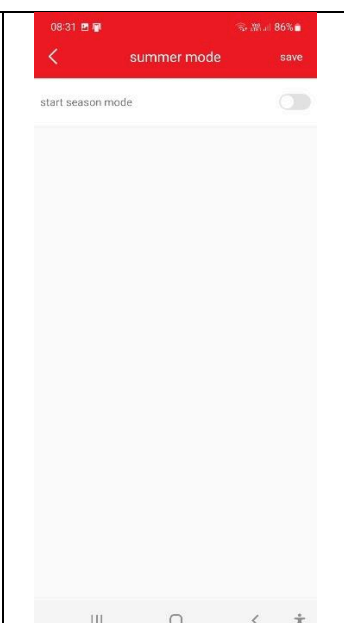

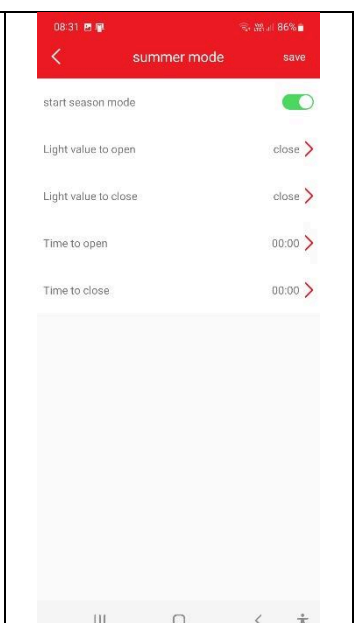
 <p>Press winter / summer mode in blind settings</p>	 <p>Select winter mode</p>	 <p>Tap </p>	 <p>Additional options will appear. Press <b>Light Level to open</b></p>
 <p>Tap </p>	 <p>Change the light intensity level by sliding your finger along the light intensity line.</p>	 <p>Set the required level and <b>Confirm</b>.</p>	 <p>Set the Light value in the same way to close.</p>

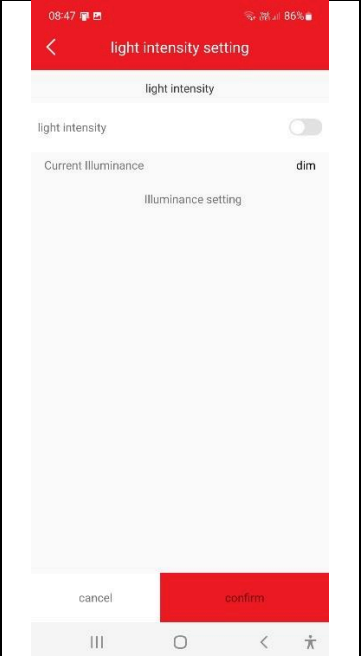

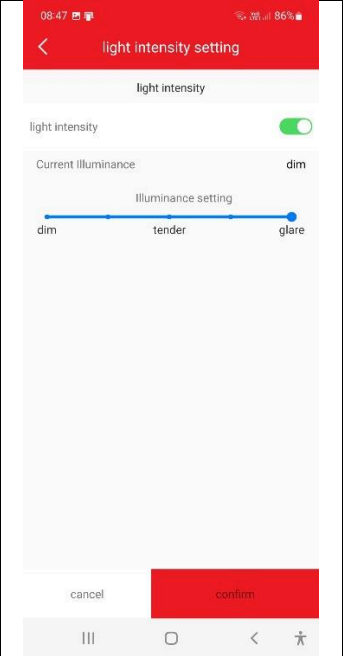
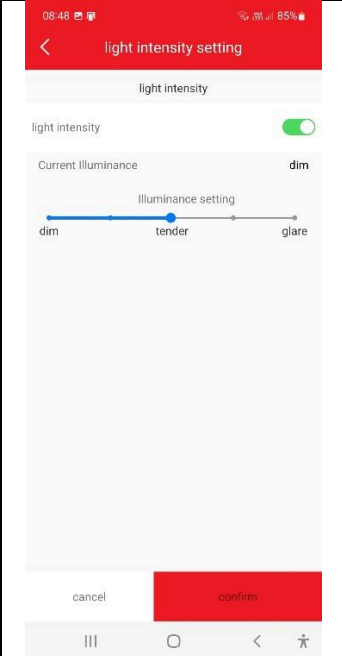
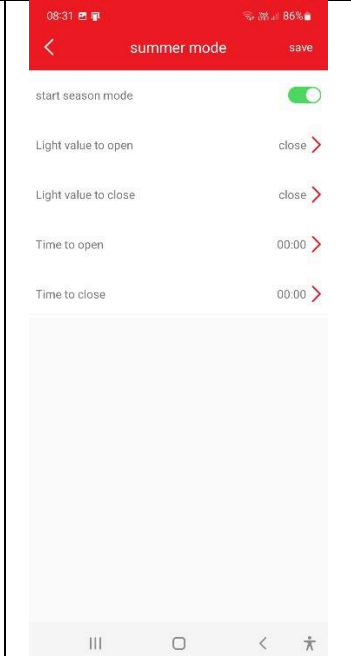
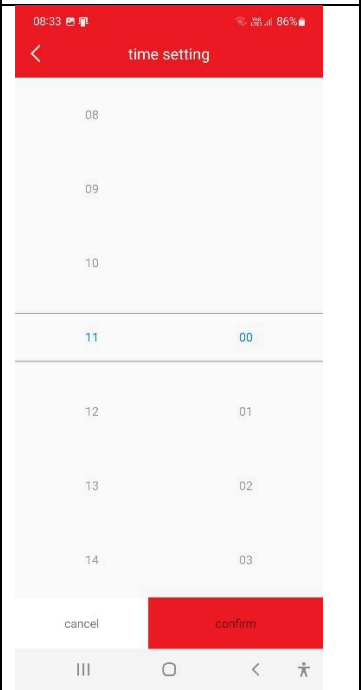
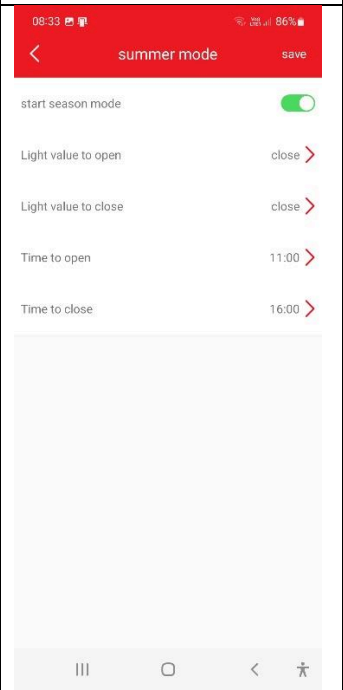
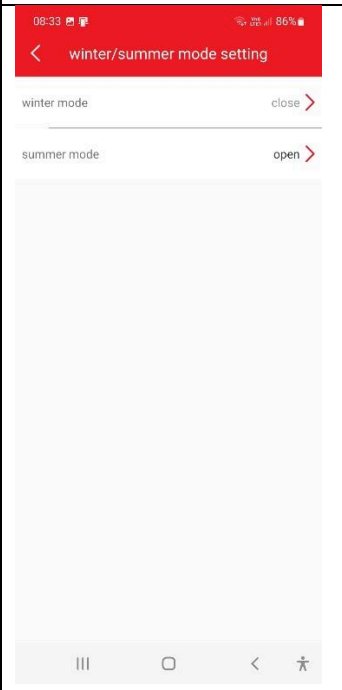
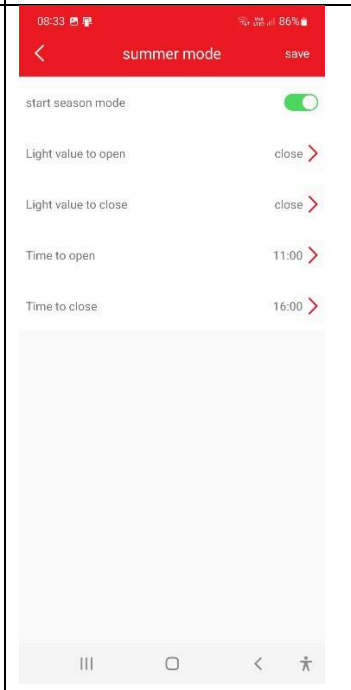


 <p>Select open time to enter the start of the period of the day when the sensor is to work. Swipe to select the desired hour and minute, <b>press confirm</b>.</p>	 <p>Do the same for the Shutdown Time setting to set the end of the period of the day that you want the sensor to work. press confirm.</p>	
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**Summer mode (sun protection mode):** Roller blind opens when there is no sun and closes when the sun is shining.

Note: In summer mode, the roller blinds opens when the current light level is lower than the light level setting value in the app, and the blind closes when the current light level is higher than the setting value in the app.

Note: The shutter open setting value must be lower than the shutter closing setting value.

 <p>Tap winter / summer mode in blind settings</p>	 <p>Choose summer mode</p>	 <p>Tap </p>	 <p>Additional options will appear. Tap Light value to open.</p>
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 <p>Tap </p>	 <p>Change the light intensity level by sliding your finger along the light intensity line.</p>	 <p>Set the required level and <b>Confirm</b>.</p>	 <p>Set the light value in the same way to <b>close</b></p>
 <p>Select open time to enter the beginning of the period of the day when the sensor is to operate. Swipe to select the desired hour and minute, tap <b>confirm</b></p>	 <p>Do the same for the Time to close setting to set the end of the period of the day that you want the sensor to work. Tap <b>save</b></p>	 <p>Summer mode is now on</p>	 <p>To turn off summer mode, switch the button  for  and tap <b>save</b></p>

## Tip

Only one of the modes can be turned on at a time, i.e. if winter mode is on, summer mode cannot be turned on and vice versa. The application will not allow both modes to be turned on simultaneously, so when we have the summer mode on, and we want to use the winter mode, we must first **turn off** the summer mode, and then set the winter mode data.