



LoriSense Basic Installation Instructions



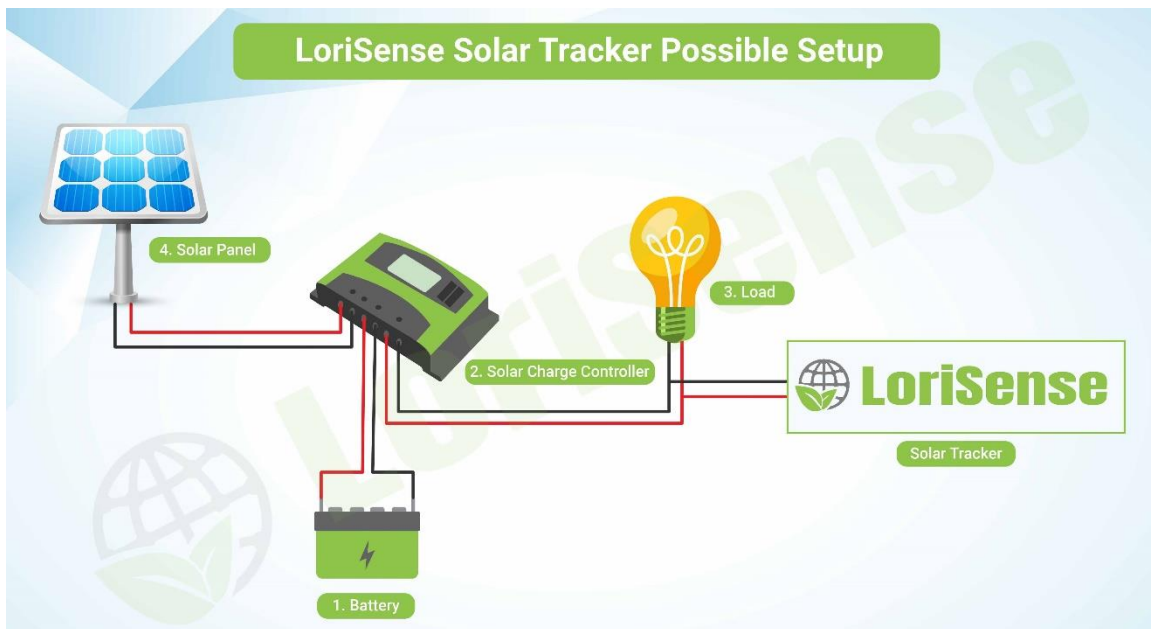


1. POSSIBLE INSTALLATION SETUP

The LoriSense Basic may be installed in your solar panel array fixture in various ways. The following is just one of the possible ways the LoriSense Basic solar tracker may be installed.

1.1. POSSIBLE SUPPLY VOLTAGE CONNECTION TO LORISENSE BASIC

Parallel connection to the load:





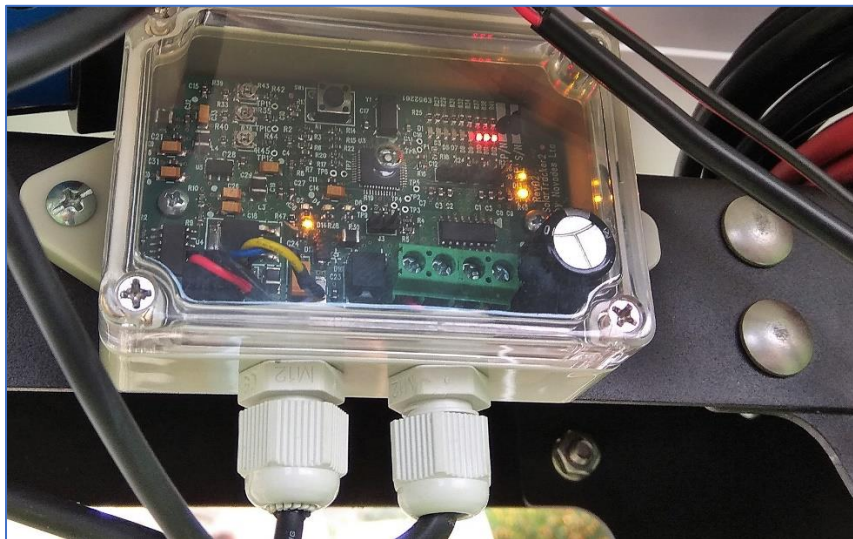
1.2. SOLAR PANEL POLE MOUNT INSTALLATION



1.2.1. CONNECTING THE CONTROLLER BOX

Drill two 6mm holes into the pole mount at a distance that matches the controller box profile holes.

Connect the controller box to the solar panel pole mount by inserting two 6mm stainless steel screw bolts and securing them on the other side of the pole with two 6mm stainless steel nuts. See the following image as an example:





1.2.2. CONNECTING THE TRACKING SENSOR

Screw the two stainless steel Z brackets to the solar panel frame with two 6mm bolts and 6mm washers and nuts.

Then connect the tracking sensor box to the two Z brackets, again, with two 6mm bolts and 6mm washers and nuts.

See the following images as an example:





1.2.3. ADJUSTING THE SENSOR SENSITIVITY

Technically, no configuration is required. Just plug everything correctly and you can use it immediately.

However, if you want, you may configure the sensitivity of the sensor by turning the screw (potentiometer) on the controller board with a small screwdriver. As you turn the screw, the number of LEDs on the controller board that turn on increases or decreases. The less LEDs that are on, the more sensitive the sensor becomes. See image below:

