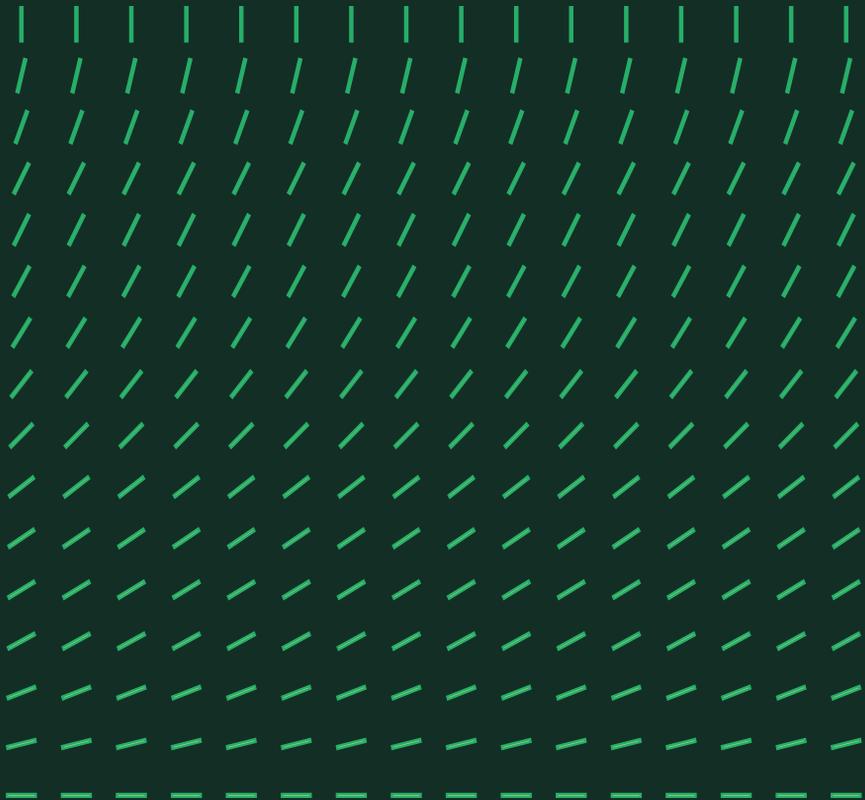




Farmblox



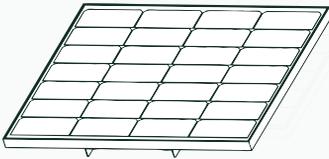
Base Station Solar Kit

Product Manual ——— v1.0

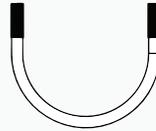
Base Station Solar Kit

The base station solar kit allows the Farmblox base station to be installed in remote locations without power infrastructure. The solar kit consists of a 100w solar panel and a 50AH integrated lithium ion battery. When fully charged, the solar kit can operate the base station for up to 7 days without charging from the solar panel.

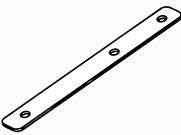
Package Contents



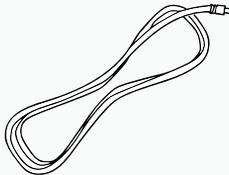
Solar Kit With Bracket
x1



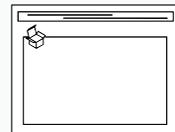
U type hoop x2



Bracket Fasteners
x2



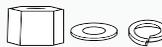
DC Cable x1



Installation
Guidebook x1



Hex Wrench x1



Nuts x 4
Washers x4
Spring washers x4



M6 screws x6

Pole Mount Instructions:

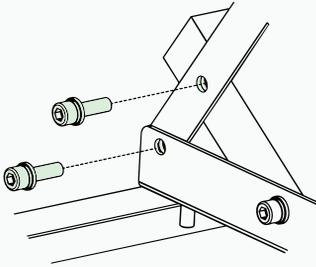
Pole mount is commonly used for Vineyard, Orchard, and other field situations for farm types where suitable mounting locations do not occur naturally.

Considerations Before Mounting:

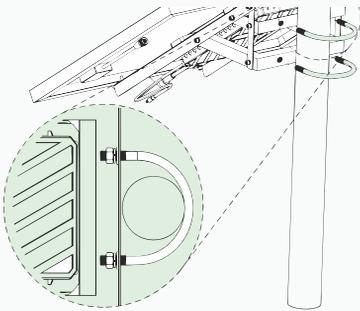
- Before installing, consult with Farmblox team to determine the optimal location of the base station for best wireless coverage of your farm.
- Take care to avoid installation in areas that can interfere with farm equipment or machine work.
- The solar panel needs to be exposed to clear sky for optimal charging. Tree limbs and brush will need to be cut to ensure optimal solar exposure with no shading. Consider mounting in locations where overgrowth is minimal if possible.
- The solar panel should be mounted south facing for optimal sun exposure and charging performance.

Mounting instructions are found on the next page.

Mounting Instructions



1. Prepare the solar panel for mounting by attaching the two mounting hoop support bars to the side of the mounting hoops and solar panel with the hex screws provided in the solar kit.

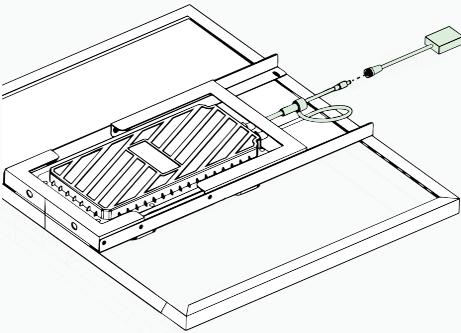


2. Mount the solar panel to the pole using the U-bolts and nuts supplied in the mounting kit. Depending on the diameter of the pole an additional piece of pipe may be required to be used as a spacer to allow the u bolts to tighten down properly.

3. Mount the base station mounting bracket above the solar panel, high enough so that it is clear of interference from the panel. Secure the base station using the pipe clamps by passing them through the openings in the side of the bracket.
4. Install the solar plug into the bottom of the base station, sealing the ethernet power port as this is not used for solar powered base stations.

Installation

5. Take the solar panel kit, base station, and materials listed above to the selected mounting area.
6. Hang the base station on the mounting bracket and secure it with the philips screws that came in the base station kit.
7. Plug the solar panel into the battery.
8. Plug the base station cable into the battery, pass it through the solar panel mounting hoops, and connect it to the base station's solar port. (reference base station manual for port location)
The base station will now boot up and come online.
9. Clear brush and limbs from the area that could cause shading on the solar panel to ensure optimal sunlight and charging.





Need some help?

support@farmblox.ag