

Deus Modern

LED Solar Kit Installation Instructions

Components

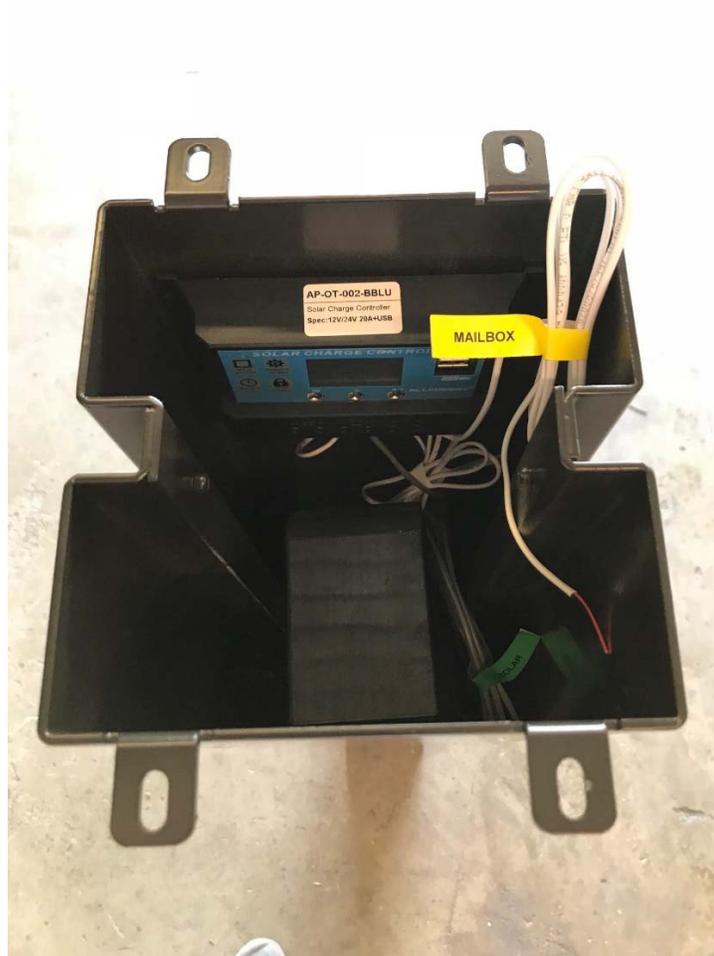
- Mailbox w/ LED lights
- 6x6 mailbox post
- Solar Kit components
 - Solar panel, frame and frame stakes
 - Battery
 - Solar Controller/Wiring harness

Directions

1. Remove contents from packages and ensure all parts have been received. See list above.
2. The SOLAR CONTROLLER includes 3 sets of wires already connected and are labelled as well as matching the graphic label on the controller showing a battery, light and solar panel. The controller will be mounted in the post with Velcro so it can be detached and lifted out of the top to access the wires. Note the longer solar panel wire on the Solar Controller device. This wire needs to be fed through the hole at the bottom of the post to be connected to the solar panel later. Tie a small knot in this to help keep it from coming back through.

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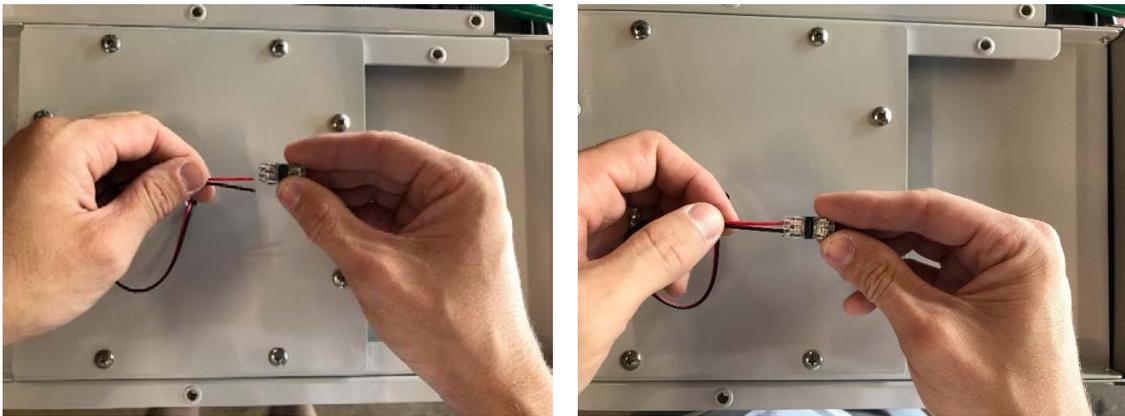
3. Next, mount controller into the post near the top(end with tabs) using the Velcro on the back. Make sure to leave about 8" height for the battery to sit vertically on the shelf. The controller can remain in the post until it is installed.



4. Install the mailbox post per our recommended installation instructions, taking care to keep the power wire at bottom of the post clean and accessible and facing the rear direction.
5. Once the post is installed, you are ready to install the battery and mailbox and then connect the solar panel.
6. MAKE SURE TO CONNECT THE BATTERY FIRST, BEFORE THE MAILBOX LIGHTS OR SOLAR PANEL. This is done simply by connecting the red and black wires of the battery labeled wire to the corresponding battery terminals. When connecting the battery, please ensure the RED is connected to the RED (+) terminal and BLACK is connected to the BLACK (-) terminal. Then place the battery in the post vertically so the terminals are at the end towards the top of the post. It

will not fit the other way. This will allow the controller to fit back in easily after placing the battery in the post.

7. While you have the controller out, please find the wire designated for the LIGHT graphic. Keep this wire out of the top of the post when placing the CONTROLLER back in place.
8. With this wire, and an extra set of hands, connect the wire from the controller to the wire exiting the bottom of the mailbox using the quick connect. Please ensure RED is in line with RED and BLACK is inline with BLACK. A pair of pliers is used to SLOWLY crimp the connector onto the wires. Please ensure the wires are inserted straight and all the way into the connector. See BEFORE and AFTER picture below.



9. Once that is done you can place the mailbox on top the post, taking care to tuck the wires into the post cavity. At that point you can bolt the mailbox into position.
10. To install the solar panel, you must connect the solar panel wire to the wire at the base of the post. A quick connector has been provided to make this connection. Simply insert the wires (insulation not trimmed) into the open end of the connector so that RED lines up with RED and BLACK lines up with BLACK. A pair of pliers is needed to SLOWLY crimp the connector onto the wires. Please ensure the wires are inserted straight and all the way into the connector just as was done with the mailbox connection. This connection is low voltage so can tolerate being in the ground but we recommend wrapping with electrical tape beforehand.
11. Once connected, you can locate the solar panel. Our only suggestion is placing the panel firmly in the landscaping using the bracket w/ the stakes and ensuring the best orientation to sun exposure. Please remember the solar panel requires approximately 1-2 hours of full sun for every hour of light. The battery is pre-charged and the controller is set to go on in low light

conditions and stay on for 5 hours or when light levels increase, whichever comes first. You can test this by covering the solar panel and waiting a few minutes for it to turn on the LEDs.

If for some reason the LED does not light up then there may be an issue with one of the connections. Please recheck the connections to make sure everything is secure. If the LED lights still do not work when testing please contact us to help resolve the issue.

We are happy to help!

Thank you again for your order and please feel free to reach out at any point with questions about this process.