



PORTABLE FOLDABLE SOLAR PANEL INSTRUCTIONS

PV130CASE

Product Inspection

1. Confirm there is no visible damage to the product.
2. Contents include panel and pre-wired charge controller cables.

Installation

1. The panel includes a prewired positive and negative cable that connects to a solar charge controller providing a charge to an external battery.

Brown wire = positive (+)

Blue wire = negative (-)



2. The wires connect to a charge controller via the spade lug on the end. Some charge controllers may connect via bare wire. If this is the case, simply cut off the spade lugs and slide bare wire into the controller.
3. When connecting the solar panel to charge controller:
 - Make sure the charge controller is connected to the battery FIRST, then connect the panel to the charge controller.
4. Ensure the cables are connected securely. Do NOT reverse the polarity. This will damage the panel and void the warranty.
5. When disconnecting the solar panel from charge controller:
 - Make sure to disconnect the solar panel from charge controller FIRST, then disconnect solar charge controller from battery.

ADJUSTING SOLAR PANEL ANGLE

1. Lay the solar panel flat (solar side down).
2. Adjust the leg height on all four legs at the same time. Ensure the height is the same on all legs. You may need to test the height a few times until the optimal angle is reached for perfect sunlight. Grommets have been added for optional staking if needed.



CAUTION

Do not allow the brown and blue solar panel cables to touch/cross. The solar panel provides electricity as soon as the panel receives sunlight. The wires are hot and can cause a short, which will damage the panel. Do NOT reverse the polarity! This will damage the charge controller and the panel voiding the warranty.

Example of the portable, foldable solar panel connected to a charge controller and battery:

