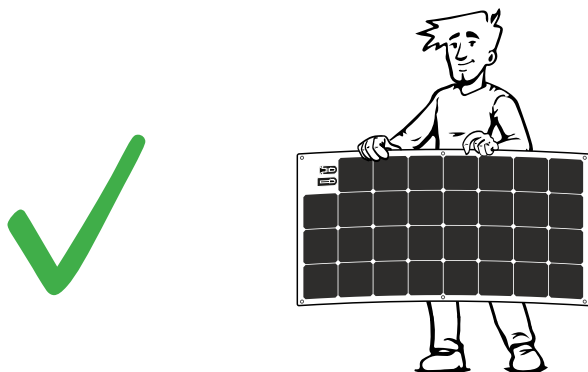


SunBender Solar kit

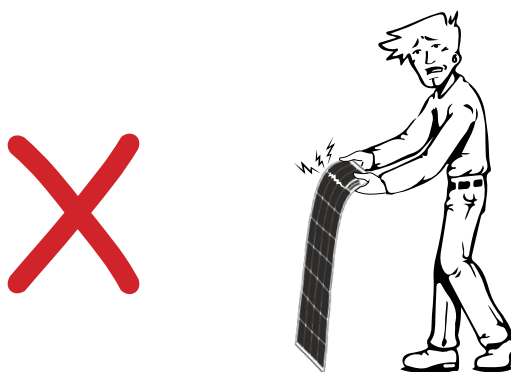
HOW TO HANDLE

YES



The panel can be supported by the edge but only by keeping it vertical and without exerting excessive pressure on the cells.

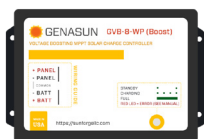
NO



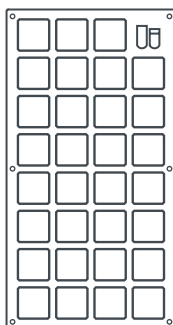
The panels should not be gripped by the ends and especially by the corners, to prevent them from flexing too much under their own weight.

CONTENT OF THE KIT

CHARGE CONTROLLER



SOLAR PANEL



CABLES



ACCESS THE INSTALLATION MANUAL

SCAN THE QR CODE



OR GO TO: <https://installation-manual.solbian.eu/english>



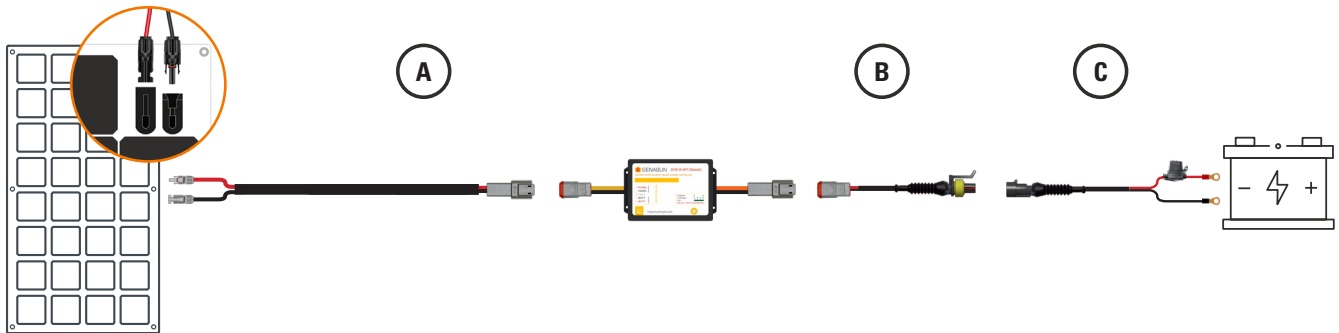
IMPORTANT

YOU CAN FIND THE S/N ON THE BACK OF THE PANEL AND ON THE BOX. KEEP IT FOR THE WARRANTY



SunBender Solar kit

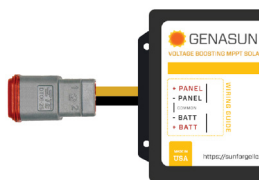
HOW TO CONNECT



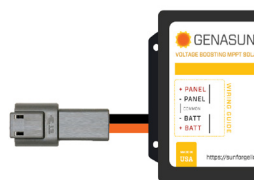
*please make a drip loop! Water could run along the wires and cause water damage of the charge controller.



Remove the caps from the Monopole Junction Box and connect the MC4 connectors of cable A (see image above).



Connect cable A to the charge controller (PAN -/+) through the female Deutsch connector.



Connect cable B to the charge controller (BAT +/-) through the male Deutsch connector.



Connect the M8 ring connectors to the battery respecting the polarities.



Connect the battery to the charge controller by plugging the Superseal connector.

WARNINGS AND ELECTRICAL RISKS

- ✓ Do not connect solar panels of different type and/or power together
- ✓ Do not modify the electrical connections of the panels. In particular, do not open or remove the sealed junction box that connects the internal structure of the panel with the external electrical connections.
- ✓ Do not drill or cut the panel, as this may result in the exposure of live components and/or damage to the panel.
- ✓ Do not subject the electrical cables to excessive stress or bending.
- ✓ Do not expose the solar panel to direct light when installing the system, or take this into account, as the solar panel generates current when exposed to light and therefore its terminals are live.
- ✓ Maintenance, installation and removal of the solar panel must always be carried out on dry surfaces.
- ✓ Only use tools with an insulating handle.
- ✓ Do not use solar panels in the presence of explosive or flammable mixtures.
- ✓ Keep the solar panels inside the packaging until they are installed.
- ✓ Ensure that the position of the solar panel does not pose a mechanical or electrical risk.
- ✓ Do not use damaged solar panels (during transport, installation or during use).
- ✓ Do not apply any protective coating or paint to the panel. Contact the manufacturer for information about cleaning or protecting SunBender panels.