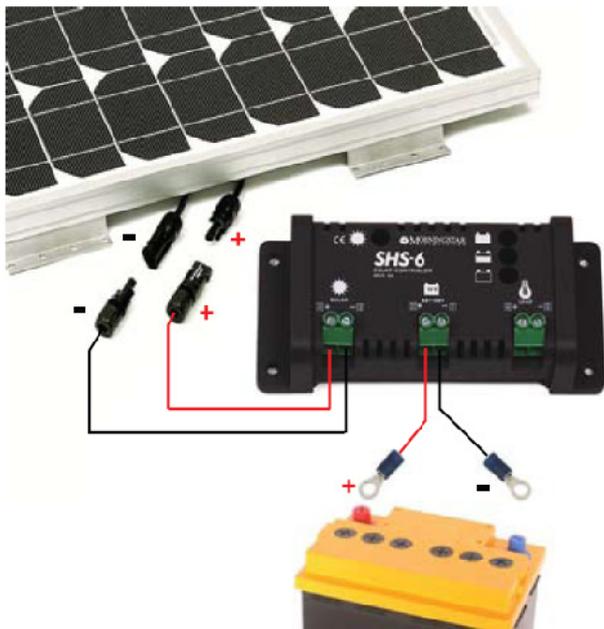


## Selecta Solar 90w, 120w & 135w Solar Panel Kits

1. Check all correct parts are in the kit.
2. With the feet/mounts, position the solar panel upon the roof in your desired location; do not use any bond or bolts just yet.
3. Lay the cable from the solar panel to the battery finding an appropriate hole/grommet to get into the cabin. Make sure that you have enough cable to reach with approximately a meter to spare. You may need to use the water tight gland if an appropriate entrance point (we recommend using the side of a skylight) can't be found. For this you will need to drill a hole. (the glad must face horizontal or down, not up). If the cable is not long enough please reposition the panel or if you require more cable please contact us immediately on 0845 550 561. Do not attempt to stretch or extend the cable.
4. Position the Charge Controller indoors and within 1m of the battery and within easy reach of the wire that has come from the solar panel.
5. Cut of the necessary length of wire to reach from the controller to the battery with a little slack. Cut back each end of the wire and strip so that 5mm of wire is showing.
6. Crimp on the ring terminals to both wires at one end, blue and brown wires.
7. At the other end twist to make the strands tight. Insert the blue wire in to the negative battery terminal on the charge controller and tighten with a small screwdriver. Positive = brown and insert this into the positive terminal on the charge controller and tighten as shown in the diagram.
8. Loosen the clamp on the battery terminals and attach the ring terminals accordingly. Blue=negative / Brown=positive.
9. At the solar panel end cut back the wire supplied revealing 10cm of blue and brown wires. Strip each wire so that 1cm of wire is showing.



10. Take the Female MC4 connector and the smaller diameter contact insert. Remove the screw end of the connector and the inner gripper. Put the screw part over the brown wire facing forward along with the gripper, as they were removed. Crimp the metal contact onto the end of the brown wire and insert in to the main body of the female connector. Slide up the gripper, followed by the screw and tighten as much as possible.
11. Repeat step 10 with the Male and blue wire.
12. At the other end of the cable insert in to the charge controller and fix brown to positive, blue to negative of the SOLAR terminal. If the sun is out then there should be 2 lights on. Top left signals that the panel is working correctly. On the left the traffic light display signals the battery state and that it is connected correctly.
13. Fix the panel brackets to the desired area using the bonding agent. When using bond ensure that the surfaces are clean and "keyed", use sand paper if required. (Selecta Solar Ltd are not be held responsible for any damage caused resulting from the fixing of the panel or poor

installation. Please seek advice if required). Bond can be repositioned for a limited time. When using black corner fixings also bond panel to the corners and use small screws in the designated areas if on a road vehicle, careful to not touch the panel glass when drilling though.

This product is installed at the owners risk. No product supplied by Selecta Solar Ltd individually is hazardous however misuse or faulty installation may result in damage. It is recommended that you seek professional advice from an insured installer.

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