640-Watt DX Kit

Fuse Blocks

Optional Expansion Kit Available

Optional Expansion Kit Available

JB-Stud Red — JB-Stud Black

RT-1

PWM Solar Charge Controller

Fuse Block

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PRT1004

ZAMP ® SOLAR

Install Safety:

- Inspect the installation area for safety hazards
- Be sure to remove all metal such as rings and other jewlery
- Dissconnect all power sources and ensure solar panels are completely covered by a box or blanket until installation is done

Install Tools:

- Flat head screwdriver
- Philips head screwdriver
- Wire stripper
- Dicor

Install Instructions:

1. Arrange the layout of your panels and wire, ensuring that:
    - 3-port roof cap is no more than 15' from charge controller
    - panel leads can reach 3-port roof cap
    - charge controller is no more than 9' from battery
    - panels are not shaded by vents, AC units, or other obstructions
2. Connect 15' Solar wire(s) to the 3-port roof cap(s).
    - Strip the ends of both positive and negative wires ½ inch
    - Screw the red (+) wire into corisponding positive terminal, black (-) wire into corisponding negative terminal.
3. Mount 3-port roof cap(s) and route the 15' cable(s) from roof to charge controller location
    *Do not make connections at this time
4. Proceed to install the ring terminals from both roof caps to the corresponding Junction Box Terminal (red on red, black on black)
5. Install the Y adapter on top of the Junction Box Connections (red on red, black on black)
6. Install bare copper ends into the charge controller, ensuring connection is tight. Repeat with battery harness
    * Connect RT-1 wires to charge controller and proceed with RT-1 install as per the manul instructions.
7. Mount your charge controller
8. Install the fuse block onto the positive battery terminal.
9. Connect the positive wire to the fuse block
10. Connect the black wire to the negative battery terminal
11. You may now plug the SAE leads into the 3-port cap(s) and uncover your panels
12. You are now charging your battery.
13. Configure your charge controller to the proper battery type