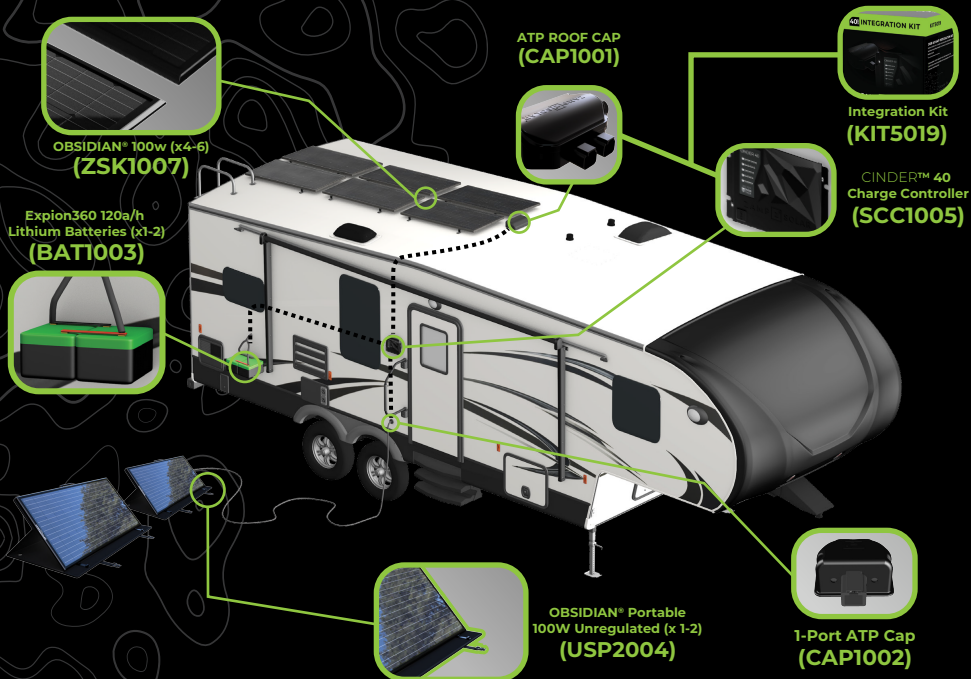


MEGA KIT QUICK START GUIDE

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MEGA KIT LAYOUT



STEP 1: INSTALL BATTERIES (EXPION3360 BATTERY USER MANUAL)

[100Ah USER MANUAL](#)
[120Ah USER MANUAL](#)

STEP 2: INSTALL CINDER™ 40 AND ROOF CAP

[CINDER™40 Integration Kit Instructions.](#)
[Roof Cap Mounting Instructions.](#)

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STEP 3: INSTALL THE ATP SIDEWALL PORT

[Side Wall Port Instructions.](#)

STEP 4: INSTALL ROOF PANELS

- Layout roof panels according to one of the below images.
- Install mounting feet to roof panels and mount to the roof following the [instructions](#).

STEP 5: INSTALL ROOF PANELS

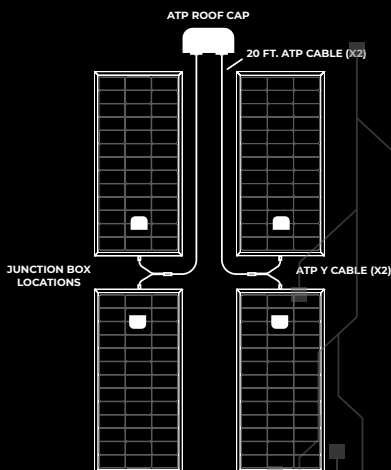
IMPORTANT:

Ensure that no more than 3x100w OBSIDIAN® SERIES panels per roofcap port.

400W

Follow this image for 400W install.

- Using the provided ATP Y-cable, connect two panels together.
- Run the 20ft lead from the roof cap to the ATP Y-cable output.
- Repeat A and B for the remaining 2 panels.
- Ensure your solar circuit breaker is in the "ON" position.
- Verify CINDER™ 40 is now charging the batteries.



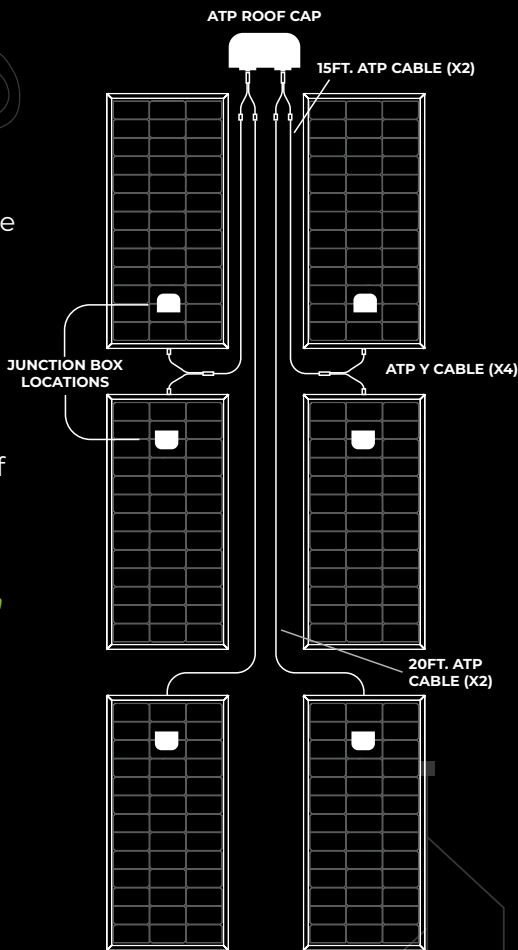
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600W

Follow this image for 600W install.

- Connect 2 ATP Y-cables to roof cap ports.
 - Connect remaining 2 ATP Y-cable outputs to each 15ft ATP extension cable.
 - Connect the 15ft ATP extension cables to one side of each of the roof cap Y-ports.
 - Connect the 20ft ATP extension cable to the other side of each of the roof cap Y-cables.
 - Connect each 20ft ATP cable directly to a panel.
- * Typically these will be the furthest from the roof cap.*
- Connect remaining 4 panels to available Y-cable inputs.
 - Verify 3 panels per roof cap port.
 - Ensure your solar circuit breaker is in the "ON" position.
 - Verify CINDER™ 40 is now charging the batteries.



STEP 5: CONNECT OBSIDIAN® SERIES PORTABLE SOLAR PANELS

[Portable Connection Instructions.](#)



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