

CINDER™40 DELUXE KIT ROOF MOUNTED QUICK START GUIDE

ZAMP **Z** SOLAR®
➔ DOMETIC

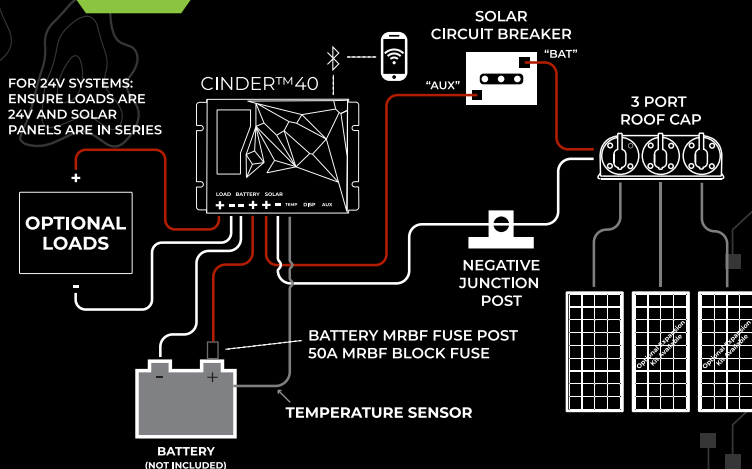
CONTENTS

- A. CINDER™40 Charge Controller (SCC1005)
- B. 2 Port ATP Roof Cap (CAP1001)
- C. VHB Tape
- D. ATP Receptacle Cover
- E. Battery MRBF Fuse Post
- F. 50A MRBF Block Fuse
- G. Negative Junction Post
- H. Solar Circuit Breaker
- I. 2x10ft 6 AWG Zip Wire with ring terminal on one end (WIR3001)
- J. 1x2ft 6 AWG Zip Wire with ring terminal on one end (WIR3003)
- K. 4 stainless steel machine screws (#8, 5/8")

NOT INCLUDED

- Mounting screws for charge controller

CINDER™40 INTEGRATION KIT WIRING DIAGRAM



TOOLS NEEDED

- 6AWG Wire Strippers
- 7/16" Socket, Nut Driver or Open Ended Wrench
- 9/16" Socket, Nut Driver or Open Ended Wrench
- #2 Phillips Head Screwdriver
- Drill
- 1" Hole Saw
- Razor Blade

INSTALL SAFETY

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

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INSTALL INSTRUCTIONS

1. Arrange the layout of your panel(s) and wire, ensuring that:
 - Roof cap is no more than 10' from charge controller.
 - Panel wires can reach roof cap.
 - Charge controller is no more than 9' from battery.
 - Panels are not shaded by vents, A/C units, or other obstructions.
2. Connect 10" Solar wire to the roof cap.
 - Strip the ends of both positive and negative wires 1/2 inch.
 - Screw the red (+) wire into corresponding positive terminal, black (-) wire into corresponding negative terminal.
3. Mount cap and route 10' cable(s) from roof to charge controller location.
**Do not make connection at this time.*
4. Proceed to route the 10' cable from the charge controller to the battery.
**Do not make connection at this time.*
5. Connect the negative battery wire to the charge controller, then connect the battery positive wire through the provided solar circuit breaker as shown.
6. Proceed to route the 10' cable from the charge controller to the battery.
7. Connect the positive and negative battery wires to the battery as shown below and verify the charge controller turns on.
8. Connect the positive and negative solar wires to the charge controller.
9. Mount your charge controller.
10. Set your battery profile using the app.
11. Plug SAE leads into the roof cap and uncover the panels.
12. Verify system is now charging batteries.



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