

### Important Safety Instructions

READ AND SAVE THESE INSTRUCTIONS - DO NOT DISCARD

## ⚠ DANGER

### ELECTRIC SHOCK, EXPLOSION, AND ARC FLASH HAZARD

All wiring must be done by qualified personnel to ensure compliance with all applicable installation codes and regulations. Refer to the Conext SW inverter/charger Installation Guide for a definition of qualified personnel.

Disconnect and lockout all DC and AC sources that are powering this equipment and any connected equipment before installing, servicing, and performing any upgrades.

Always wear proper personal protective equipment (PPE) before working on or inside this equipment.

Always use a properly rated voltage sensing device to check the presence of potential and residual energy.

**Failure to follow these instructions will result in death or serious injury.**

### Materials List

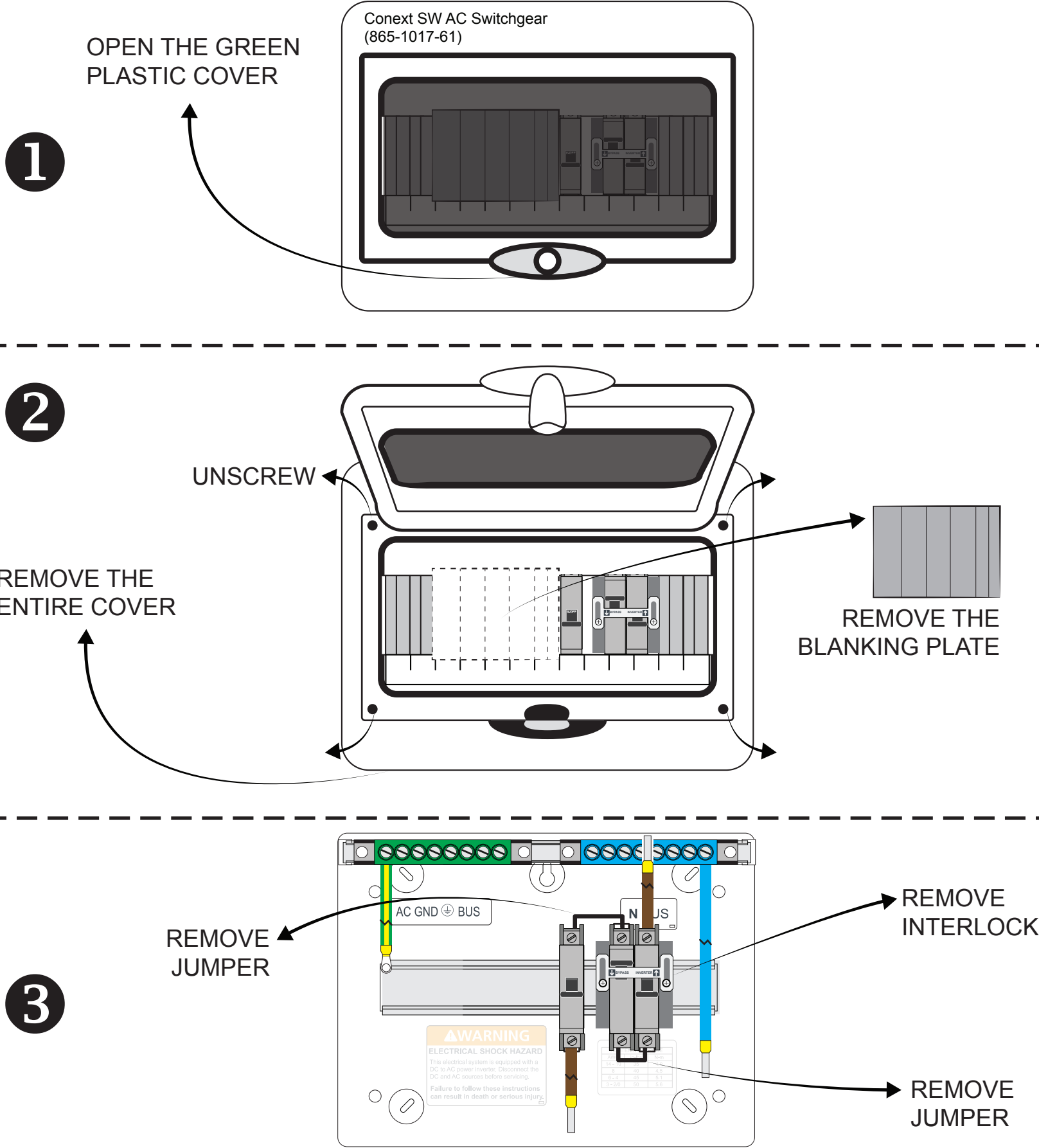
The Conext SW AC Stacking Kit 230V (865-1019-61) ships with the following items:

- 1x Installation Guide
- 3x 30A AC Breaker
- 1x Jumper bar 1 for AC source (four-finger)
- 1x Jumper bar 2 for AC loads (four-finger)
- 1x Interlock device
- 1x Breaker label sticker
- 2x 10AWG AC Wire (brown)
- 1x 10AWG AC Neutral Wire (blue)
- 1x 10AWG AC Ground/Earth Wire (green/yellow)

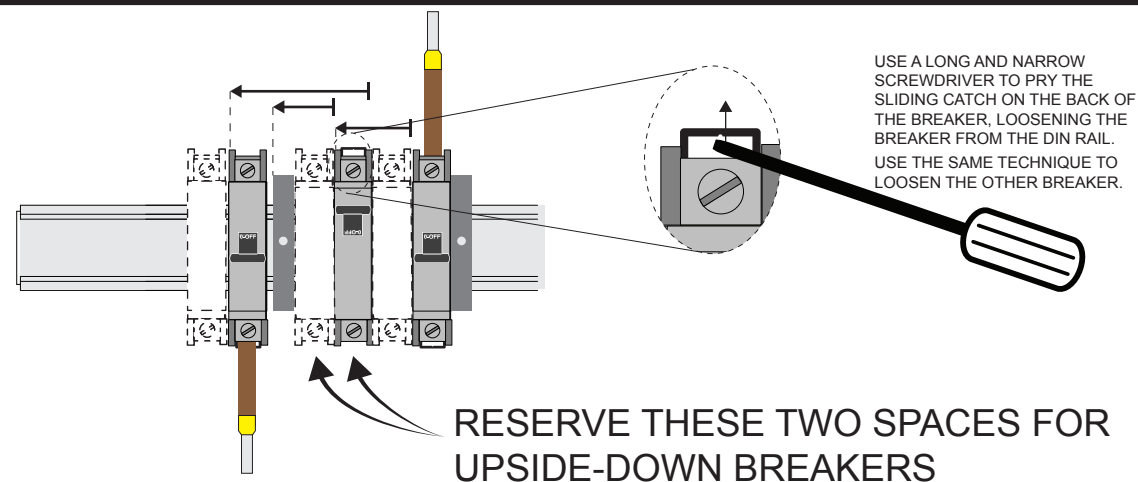
**NOTE:** The lengths of the supplied wires are long enough for when the AC switchgear is installed below the inverters and the inverters are stacked vertically in one line. Longer wires are required when the AC switchgear is installed above the inverters. Use and cut appropriate wires with the same gauge and termination as the supplied wires.

### Installation (see corresponding diagrams)

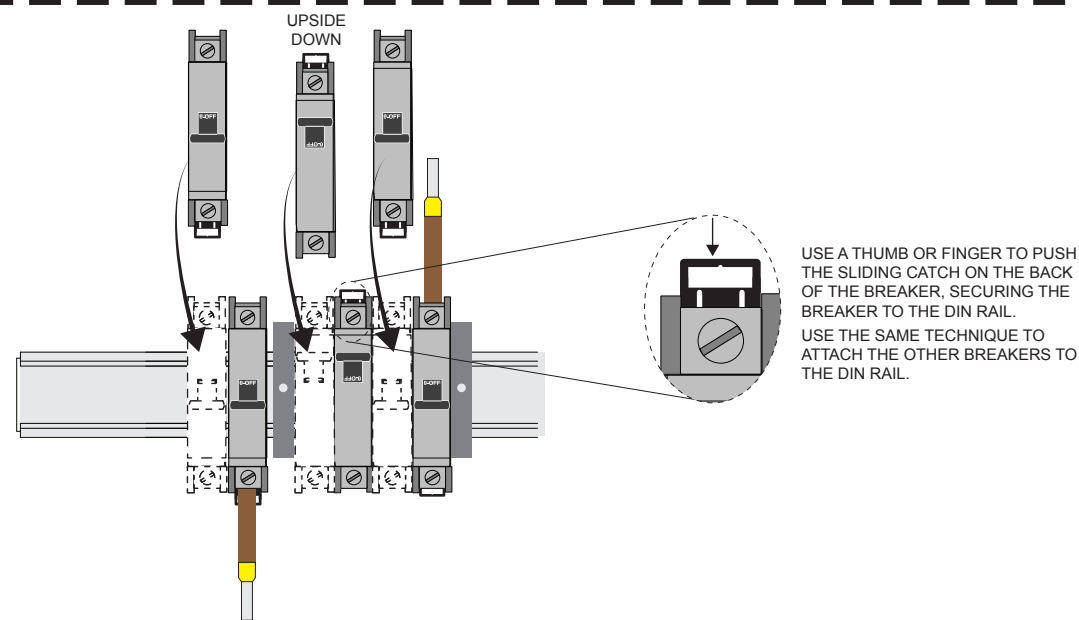
- 1 **Open the switchgear's green plastic cover.** This will expose the four embedded screws that hold the entire switchgear cover to the cabinet.
- 2 **Remove the embedded screws using a long stem phillips screwdriver to detach the switchgear cover from the cabinet.** Take care not to remove the screws all the way after a few rotations. **Remove the blanking plate from the switchgear cover.**
- 3 **In the main switchgear cabinet, remove the existing jumpers and the handle interlock device.** There is no need to remove the AC wires from the breakers.
- 4 **Slide the two leftmost AC breakers and the left bracket and distribute them according to the diagram to make room for the additional AC breakers.**
- 5 **Install the additional AC breakers.** The two middle breakers must be installed upside down.
- 6 **Install jumper 1 and jumper 2 (not interchangeable) and wire the additional AC breakers. Connect additional neutral and earth (ground) wires to their respective busses.** Use only qualified personnel to ensure compliance with all applicable installation and electrical codes and regulations.
- 7 **Replace the AC switchgear cover.** Secure the cover using the same screws that came with the product. **Replace the reduced blanking plate to cover the unused space in the switchgear cover and label the panel** identifying the new breaker positions.
- 8 **Install the new bone-shaped interlock device.** First, place the interlock device between the switch levers of the opposing sets of breakers. Then secure the two sides of the interlock device with the two screws (provided in 865-1017-61).



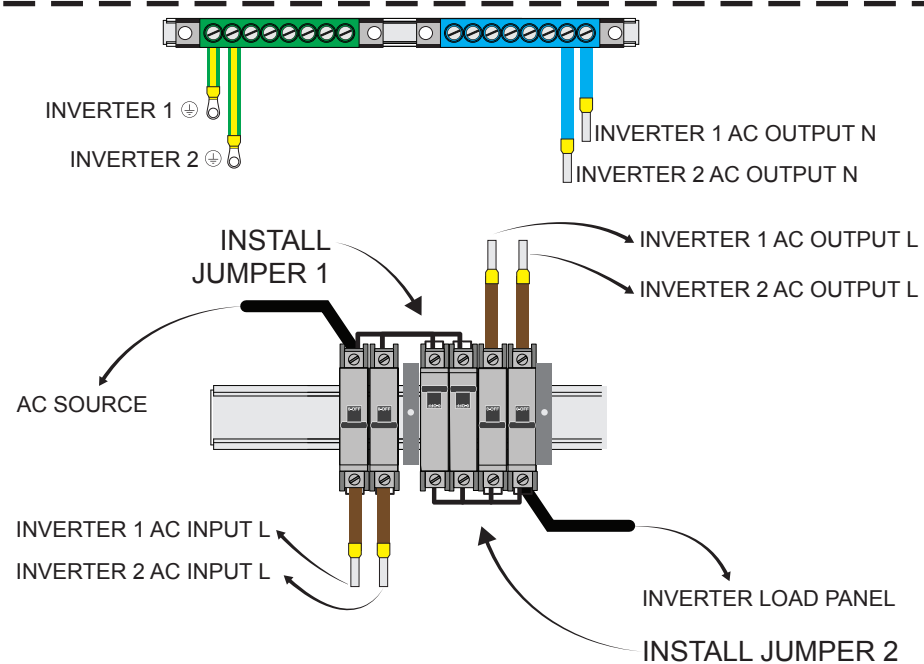
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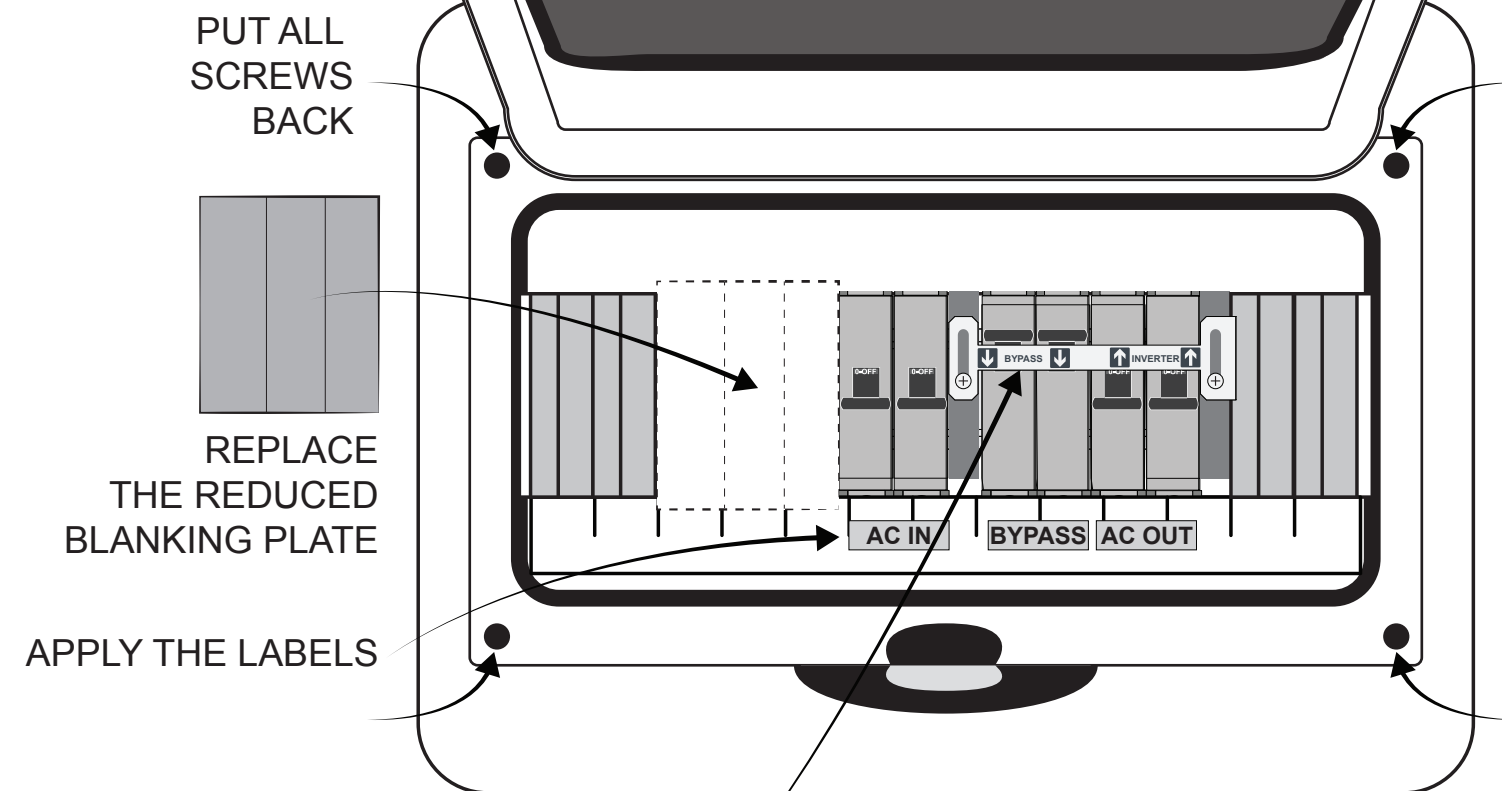


**6**



**7**

REPLACE THE COVER



**8**

INSTALL THE INTERLOCK DEVICE

**NOTICE**

**EQUIPMENT DAMAGE**  
Once installed do not remove the breaker interlock device.  
The interlock device can be moved but not removed. See instructions below.  
**Failure to follow these instructions can cause equipment damage.**

- To move the interlock device:**
- Turn all breakers to OFF position.
  - Loosen the interlock's screws.
  - Slide it to position.
  - Re-tighten its screws to secure the interlock device in place.

**Exclusion for Documentation**

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