2. Use of accessories not recommended or sold by the manufacturer may result in a risk of fire, electric shock, or injury to persons.

3. The inverter is designed to be permanently connected to your AC and DC electrical systems. The manufacturer recommends that all wiring be done by a certified technician or electrician to ensure adherence to the local and national electrical codes applicable in your jurisdiction.

4. To avoid a risk of fire and electric shock, make sure that existing wiring is in good condition and that wire is not undersized. Do not operate the inverter with damaged or substandard wiring.

5. Do not operate the inverter if it has been damaged in any way.

6. This unit does not have any user-serviceable parts. Do not disassemble the inverter except where noted for connecting wiring and cabling. See your warranty for instructions on obtaining service. Attempting to service the unit yourself may result in a risk of electrical shock or fire. Internal capacitors remain charged after all power is disconnected.

7. To reduce the risk of electrical shock, disconnect both AC and DC power from the inverter before attempting any maintenance or cleaning or working on any components connected to the inverter. Pulling the unit in Standby mode will not reduce the risk.

8. The inverter must be provided with an equipment-grounding conductor connected to the AC input ground. This equipment must only be installed and serviced by qualified electrical personnel.

9. Batteries can present a risk of electric shock and high short-circuit current. The following precautions must be applied appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E and wait 2 minutes for circuits to discharge or CSA Z462.

10. Do not lay tools or other metal parts on top of batteries.

11. Remove personal metal items such as rings, bracelets, necklaces, and watches when working with electrical equipment.

B Materials List

- 3 x 2-pole, 60 Amp 120/240 VAC circuit breakers (Square D QOU260)
- 2 x 4-tab power distribution jumpers for connecting an additional inverter/charger to the utility grid and AC loads. These replace factory-installed 2 tab jumpers.

- Grid jumpers
- Load jumpers
- Bypass interlock plate and mounting hardware

C Removing the PDP Upper Faceplate

Before wiring breakers, remove the upper and lower faceplates on the PDP.

Remove breaker knockouts as needed.

Elastic retaining strap for storing manuals

Contact Information
www.schneider-electric.com
Please contact your local Schneider Electric Sales Representative or visit the Schneider Electric website at: http://www.SESolar.com
Installation for 2 Parallel Inverter/Chargers with Bypass

1. Install the grid jumpers
   1. Install the L1 grid jumper starting at the first GRID breaker slot (position L1), facing FRONT to prevent the overlap of L1 and L2 terminals and potential shorting.
   2. Install the L2 grid jumper in the second GRID breaker slot (position L2), facing REAR.
   3. Tighten screws according to breaker manufacturer recommended torque values.

2. Install the load jumpers
   1. Install the L1 load jumper starting at the first BYPASS breaker slot (position L1), facing REAR.
   2. Install the L2 load jumper in the second BYPASS breaker slot (position L2), facing FRONT.
   3. Tighten screws according to breaker manufacturer recommended torque values.

Installation for 3 Parallel Inverter/Chargers without Bypass

1. Install the grid jumpers
   1. Install the L1 grid 3-tab jumper starting at the first GRID breaker slot (position L1), facing FRONT to prevent the overlap of L1 and L2 terminals and potential shorting.
   2. Install the L2 grid 3-tab jumper in the second GRID breaker slot (position L2), facing REAR.
   3. Tighten screws according to breaker manufacturer recommended torque values.

2. Install the load jumpers
   1. Install the L1 load 3-tab jumper starting at the first LOADS breaker slot (position L1), facing REAR.
   2. Install the L2 load 3-tab jumper in the second LOADS breaker slot (position L2), facing FRONT.
   3. Tighten screws according to breaker manufacturer recommended torque values.

E AC Breaker Wiring

Wiring for 3 Inverter/Chargers

NOTE: Connecting three inverter/chargers requires one Conext XW+ 120/240V Breaker Kit, or the appropriate number of third party AC breakers and jumpers. Generator breakers are not provided.

For additional information and AC wiring diagrams, see the Conext XW+ Inverter/Charger Installation Guide.
Replacing the upper and lower faceplates on the PDP. Do not overtighten the screws.

Attach the breaker labels supplied with the PDP.

Place the bypass interlock plate over the BYPASS and LOAD breakers and secure with the screws and washers provided.

**Normal position:**
Slide the plate to the right to turn the LOAD breakers on.

**Bypass position:**
Slide the plate to the left to turn the BYPASS breakers on.

The diagram shows the upper faceplate on a PDP wired for split phase (120/240V) with three inverter/chargers. Note the bypass interlock plate is not required.