



# Quick Installation Guide

## X3 Series 4KW-10KW

I

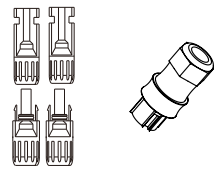
### Packing List



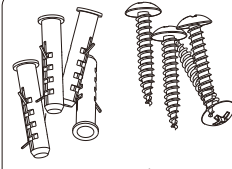
X3 series inverter X 1



Bracket X 1



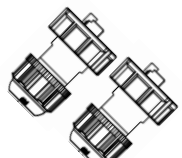
DC connector X 4  
AC connector X 1



Expansion tube X 4  
Expansion screw X 4



DC pin contact  
(2\*positive, 2\*negative)  
Earth terminal X 1



Waterproof connector  
with RJ45 X 2



Product manual X 1



Warranty card X 1



Quick installation guide  
X 1



Pocket Lan( Optional )



Pocket WiFi( Optional )



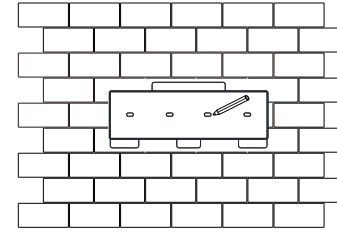
Meter( Optional )

Note: Please refer to the appropriate instruction manual for the usage of Pocket WIFI and Pocket LAN

II

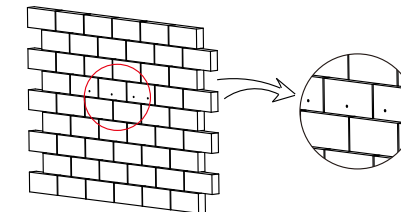
### Inverter Installation

- Mark the position of four holes



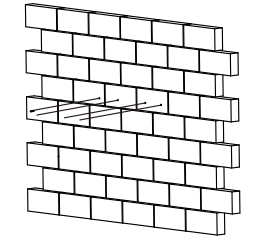
1

- Drill holes with  $\phi 6$  drill.  
- Depth: at least 50mm.



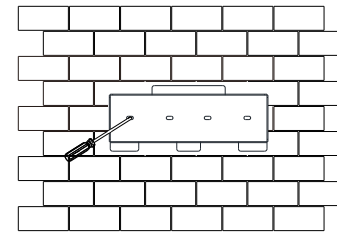
2

- Tighten the expansion tubes.



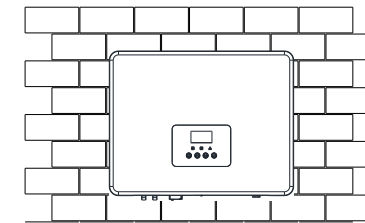
3

- Screw the expansion screws.



4

- Match the inverter with the bracket.



5

III

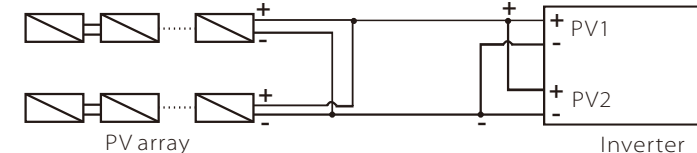
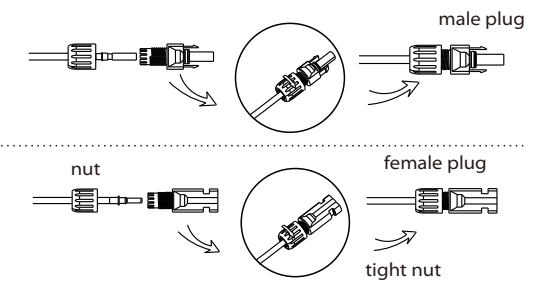
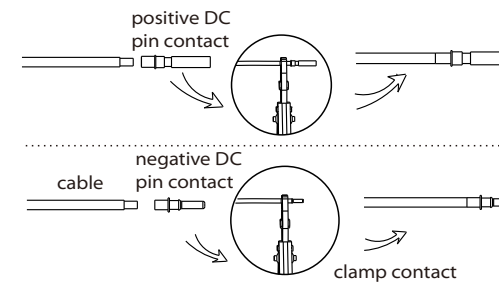
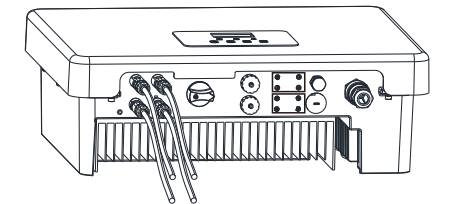
### PV Connection

cable size: 12 AWG

trip length  $\rightarrow$  6.0mm  $\leftarrow$



- Align the halves connectors



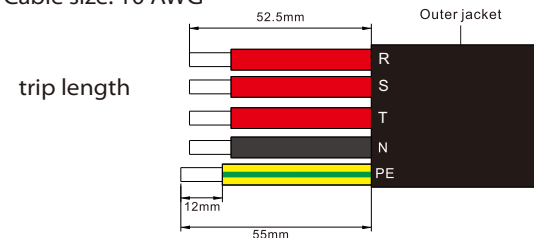
Note!

The PV connection mode in this box is **not allowed!**

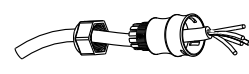
## IV

## AC Connection

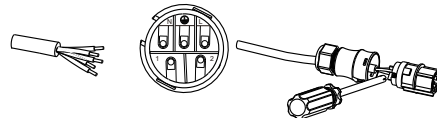
Cable size: 10 AWG



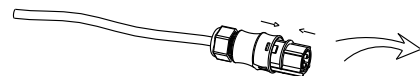
1. Slide the cable nut and back shell onto the cable.



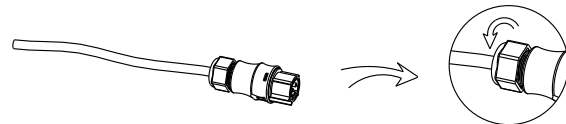
2. Insert the stripped end of each three wires into holes in the female insert, then tighten each screw.



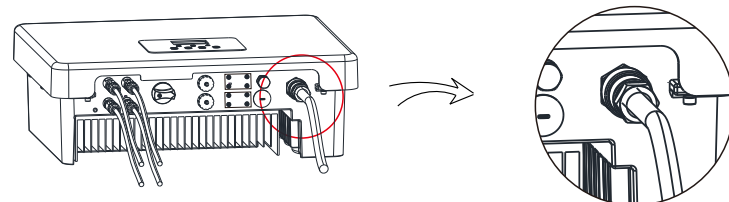
3. Screw down the threaded sleeve with pressure screw.



4. Screw down the pressure screw.



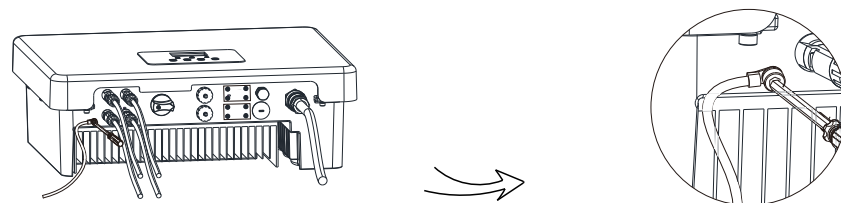
5. Connect the AC plug to the inverter.



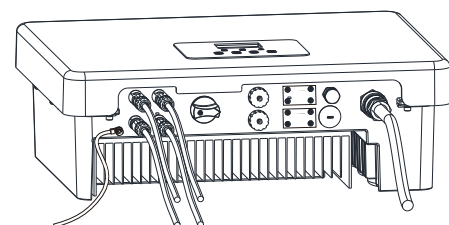
## V

## Earth Connection and Overview

- Screw the ground screw with allen wrench shown as follow.



- Overview for connection.

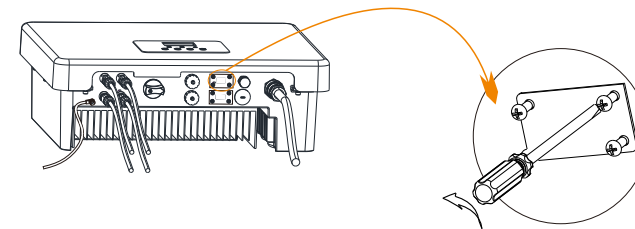


Start inverter

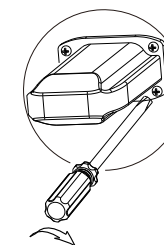
1. Turn on the external AC and DC connectors;
2. Turn on the DC switch to the "ON" position;
3. Inverter will start automatically when PV panels generate enough energy, the LED will be blue.

## WiFi Connection(optional)

- Open the WiFi lid on the bottom of the inverter.



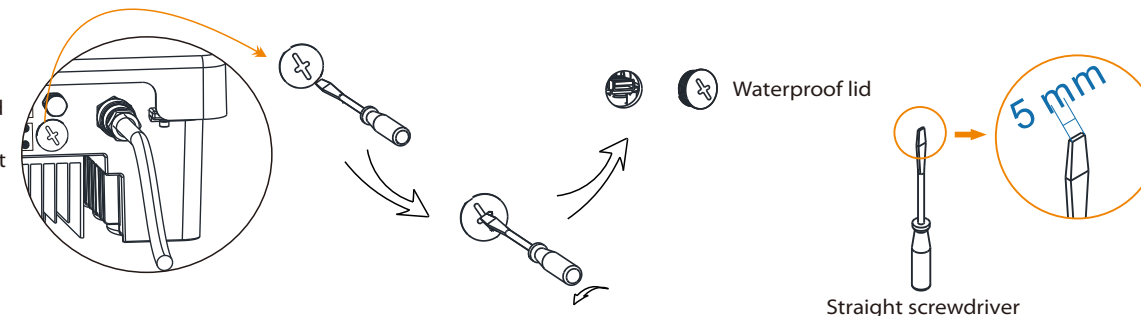
- Plug the Pocket WiFi (from Solax) into the port named "WiFi" on inverter, and tighten the four screws as below.



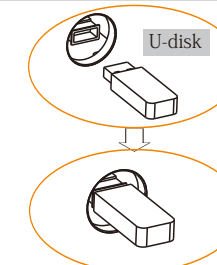
Note:  
Please refer to the appropriate instruction manual for the usage of Pocket WiFi.

## USB Connection (for upgrading)

1) Make sure the DC switch is off and the AC is disconnected with grid. Unscrew the waterproof lid of Upgrade port by straight screwdriver as the picture shows.



2) Insert U-disk with **upgrade package\*** into the USB port on the bottom of the inverter. Then turn on DC switch or connect the PV connector, the LCD will show picture as below.



Update

> ARM DSP

3) Press "OK" to confirm to update. After the upgrade is complete, please remember to turn off the DC switch or disconnect the PV connector, then pull off the U-disk, screw the waterproof lid.

\* Please contact our service support to get the update package, and extract it into your U-disk. Do not modify the program file name! Or it may cause the inverter not work anymore!