Quick Installation Guide

X3 Series **4KW-10KW**

SOLAX POWER

II — Inverter Installation

- Mark the position of four holes

- Drill holes with φ6 drill.
  (torque:25±2kgf. cm)
- Depth: at least 60mm.

- Tighten the expansion tubes.

❶ ❷ ❸

- Screw the expansion screws.

- Match the inverter with the bracket.

❹ ❺

I — Packing List

X3 series inverter X 1	Bracket X 1	DC connector X 4 AC connector X 1
Expansion bolt 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

III — PV Connection

cable size: 12 AWG

trip length → 6.0mm

12 AWG

- Align the halves connectors

positive DC pin contact

male plug

cable

negative DC pin contact

nut

female plug

clamp contact

(torque:1.2±0.1Nm)

tight nut

PV1

PV2

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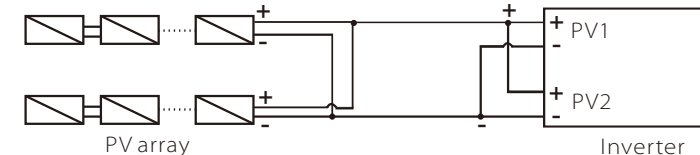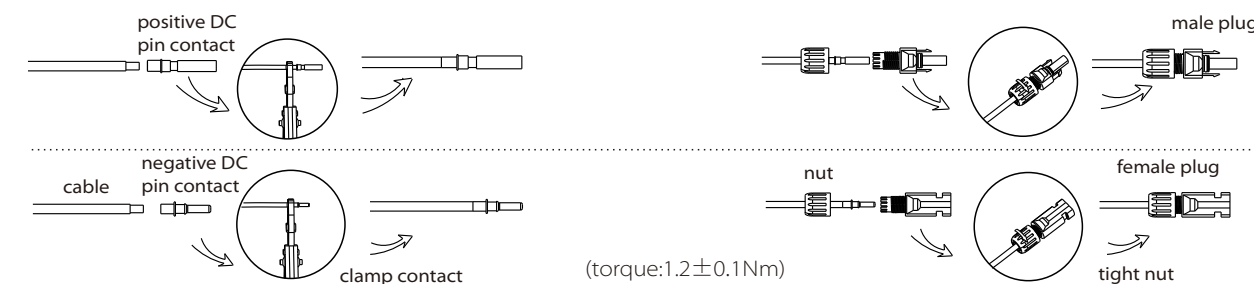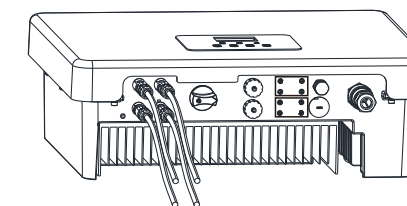
Note!
The PV connection mode in this box is **not allowed!**

IV   AC Connection

Cable size: 10 AWG

trip length

52.5mm

Outer jacket
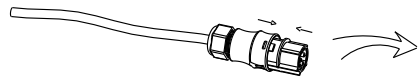
R
S
T
N
PE

12mm
55mm
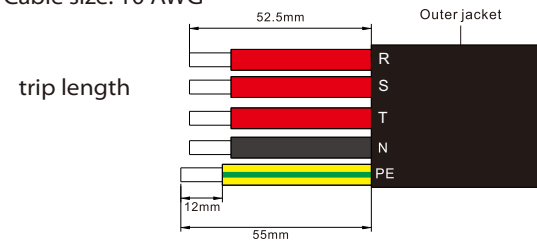
1. Slide the cable nut and back shell onto the cable.

2. Insert the tripped end of each three wires into holes in the female insert, then tighten each screw.
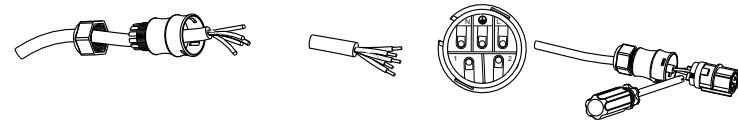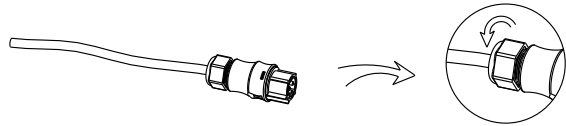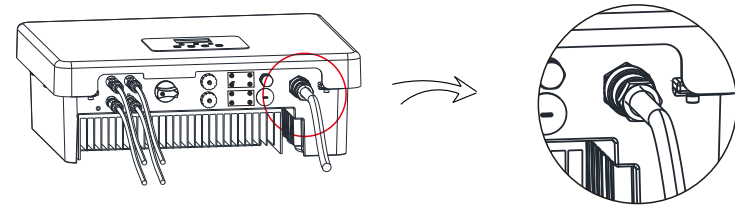
(PH1 cross screwdriver .torque:0.8±0.1Nm)

3. Screw down the threaded sleeve with pressure screw.

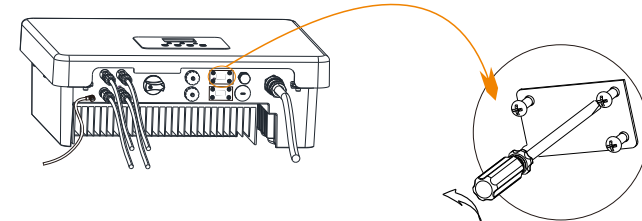**4.** Screw down the pressure screw.
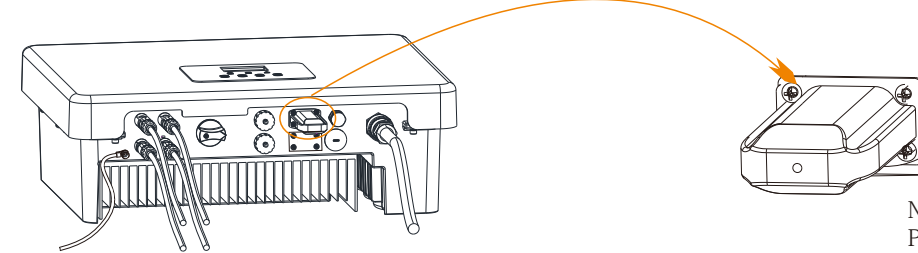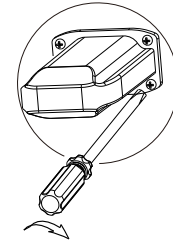
5. Connect the AC plug to the inverter.

WIFI Connection(optional)

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

(torque:0.6±0.1Nm)

- Plug the Pocket WiFi (from Solax) into the port named "WiFi" on inverter, and tighten the four screws as below.
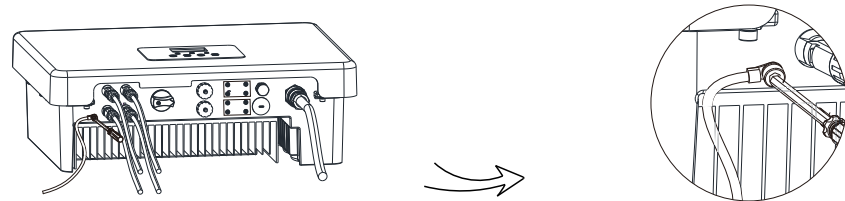
Note:
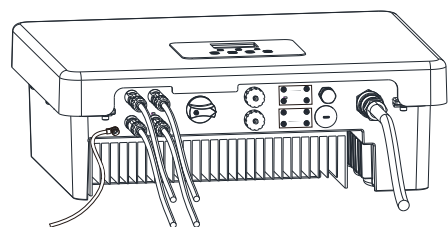Please refer to the appropriate instruction manual for the usage of Pocket WiFi.

V   Earth Connection and Overview

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

(φ4 hexagon wrench.torque:1.5±0.2Nm)

- 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.


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.

Waterproof lid

5 mm
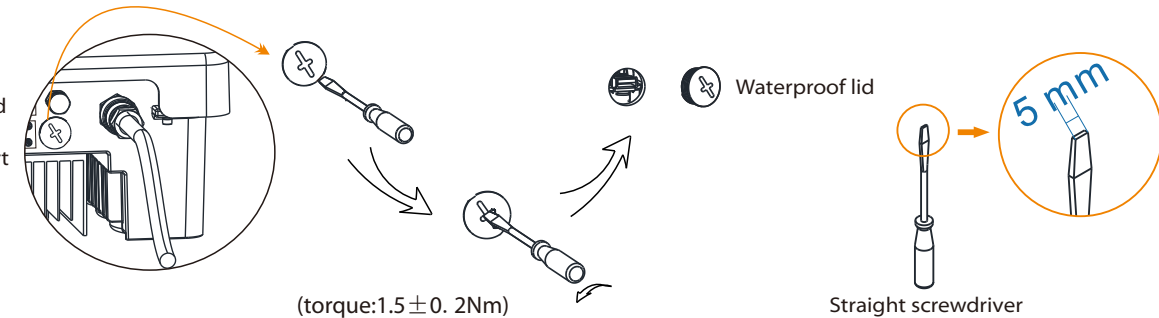
(torque:1.5±0. 2Nm)

Straight screwdriver

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.
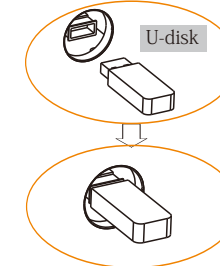
U-disk

```
======== Update ========

> ARM
  DSP
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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 !