



Quick Installation Guide

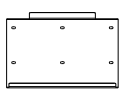
X3 Series 30KW/36KW

I

Packing List



Inverter X 1



Bracket X 1



Warranty registration card X 1



User manual X 1



Quick installation guide X 1



Screw package:
Expansion tube X 6
Expansion screw X 6



Male DC connector X 8



Female DC connector X 8



Positive DC pin contact X 8



Negative DC pin contact X 8



AC terminal X 5
Earth terminal X 1



Dry contact terminal X 1 (optional)



RS485 sealing connector X 1



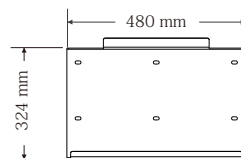
Pocket WiFi X 1 (optional)

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

II

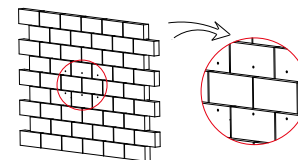
Inverter Installation

- Mark position of six holes.



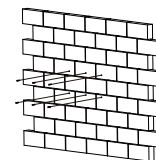
1

- Drill holes with $\phi 10$ drill.
- Depth: at least 60mm.



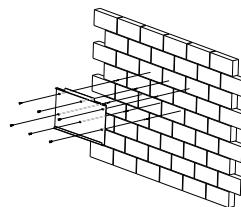
2

- Tighten the expansion tubes.



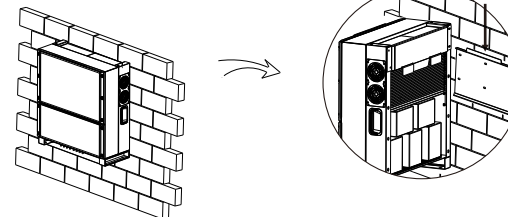
3

- Screw the expansion screws.



4

- Match the inverter with the bracket.



5

III

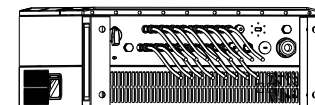
PV Connection

cable size: 12 AWG

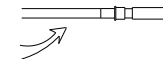
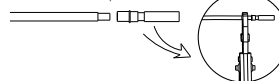
trip length \rightarrow 6.0mm \leftarrow



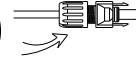
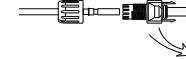
- Align the halves connectors



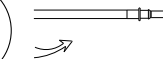
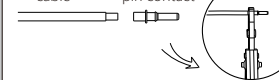
positive DC
pin contact



male plug



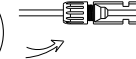
negative DC
pin contact



clamp contact



female plug

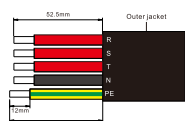


tight nut

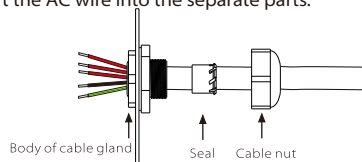
IV

AC Connection

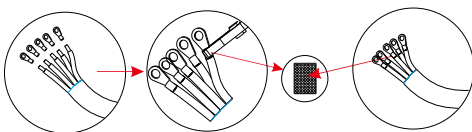
1. Strip the wires
Cable size: 6AWG



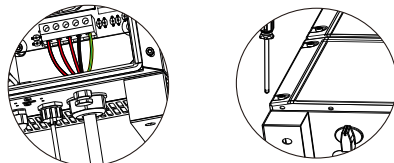
2. Open the cover on the inverter. Separate AC cable gland from inverter, and insert the AC wire into the separate parts.



3. Insert striped cable into AC pin contact, compress AC pin contact's head by using a crimping plier tightly.

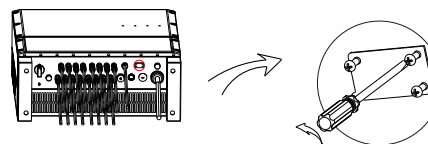


4. Insert the wires into the AC terminal (R-R, S-S, T-T, N-N, PE-PE), and fasten them by screwdriver. Install the cover plate.

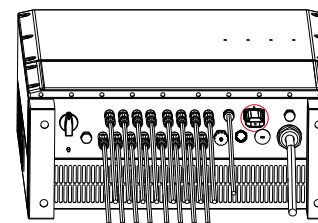
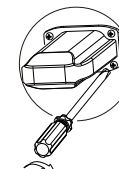


WiFi Connection(optional)

- 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.

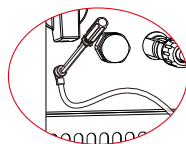
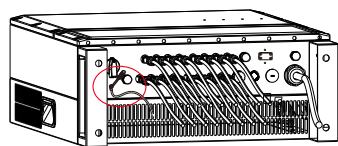


Note:
Please refer to the appropriate instruction manual for the usage of Pocket WiFi.

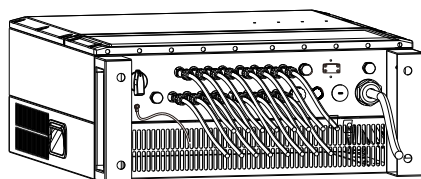
V

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.

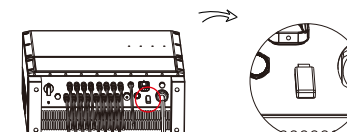
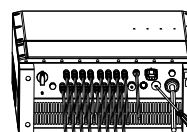
USB Connection (for upgrading)

- Step1: Please contact our service support to get the update file, and extract it into your U-disk as follow:

```
"update\ARM\618.00083.00_X330K_ARM_Vx.xx_XXXXXXXXX.usb";
"update\DSP\618.00081.00_X330K_DSP_Vx.xx_XXXXXXXXX.hex";
```

Note: Vx.xx is version number, xxxxxxxx is file completion date.
Don't modify the files name, or it may cause inverter doesn't work anymore.

- Step2: Cut off all power of inverter, then insert the U-disk into the "Upgrade" port of inverter, turn on DC switch or connect to the PV connector.



- Step3: It will automatically check and update. Please don't pull off the U-disk in the progress. All the light on the inverter will be on two seconds if the upgrade is successful. Pull off the U-disk, and the inverter will be restarted.

Note: Please contact your supplier if the ARM upgrading is failed.