

REV.	Description	REV.	Description
0.0	首次发行 罗西 2017/8/31		
0.1	修改膨胀螺栓，加扭矩 王冲 2018/9/5		
0.2	修改膨胀螺栓的工具 王冲 2018/10/12		
0.3	修改AC端子及其安装工具 应娟 2019/1/22		

描述	MIC机 快速安装指南		
料号	614.00236.03		
单位	mm	页次	

浙江艾罗电源有限公司
SolaX Power Co.,Ltd.

正反打印,需折叠出货

420 mm

285 mm

一折

二折

技术要求：

- 1.材质为80g双胶纸，所有页彩色打印，正反打印
- 2.未注尺寸公差按 $\pm 1.5\text{mm}$
- 3.图面、字体印刷清晰、无毛边、不起边、油墨不脱落
- 4.字体颜色为PANTONE Black C，无边框，底色为白色
- 5.符合RoHS要求

描述	MIC机快速安装指南	设计	罗西 2017/8/31
材料	双胶纸	审核	朱娴红 2017/8/31
料号	614.00236.03	核准	朱娴红 2017/8/31
单位	mm 页次	浙江艾罗电源有限公司	



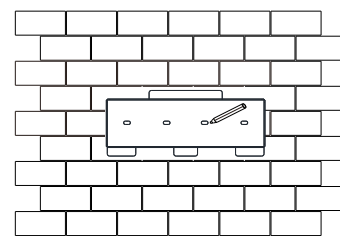
Quick Installation Guide

X3 Series 4KW-10KW

II

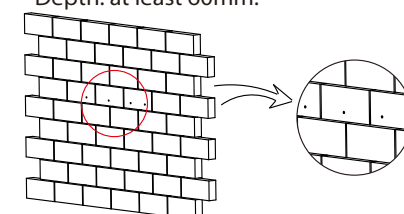
Inverter Installation

1 - Mark the position of four holes



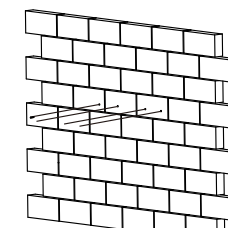
1

2 - Drill holes with $\phi 10$ drill.
(torque: 25 ± 2 kgf. cm)
- Depth: at least 60mm.



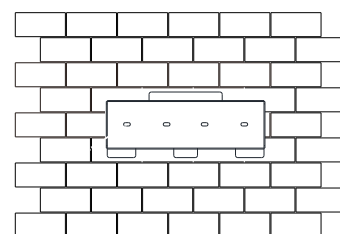
2

3 - Insert the expansion bolts.



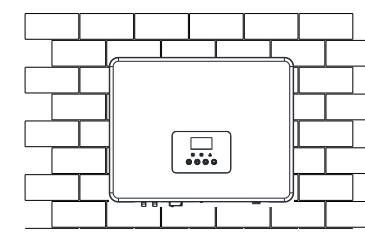
3

4 - Screw the nuts.



4

5 - Match the inverter with the bracket.



5

I

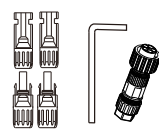
Packing List



X3 series inverter X 1



Bracket X 1



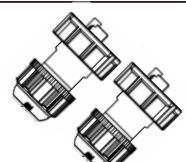
DC connector X 4
AC connector X 1
Spanner X 1



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

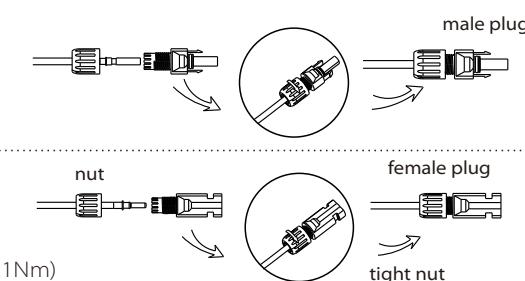
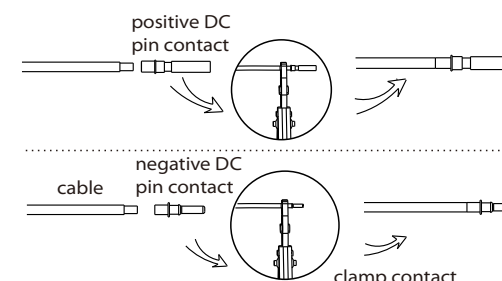
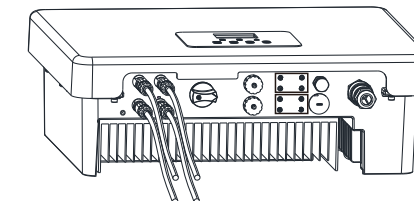
PV Connection

cable size: 12 AWG

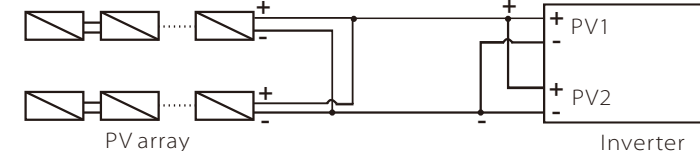
trip length \rightarrow | 6.0mm | \leftarrow



- Align the halves connectors



(torque: 1.2 ± 0.1 Nm)

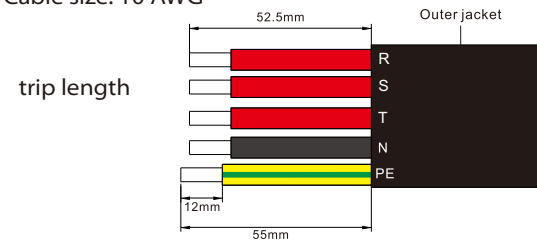


Note!
The PV connection mode in this box
is **not allowed!**

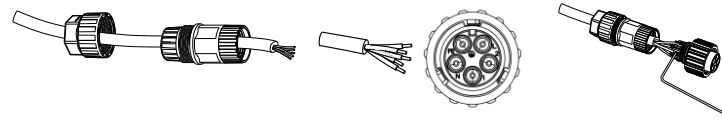
IV

AC Connection

Cable size: 10 AWG

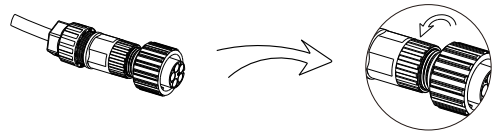


1. Slide the cable nut and back shell onto the cable.
2. Insert the tripped end of each three wires into holes in the male insert, then tighten each screw.

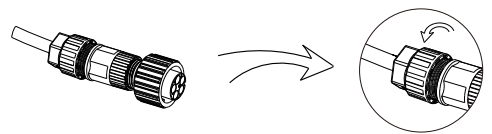


(Use the accompanying inner hexagon spanner)

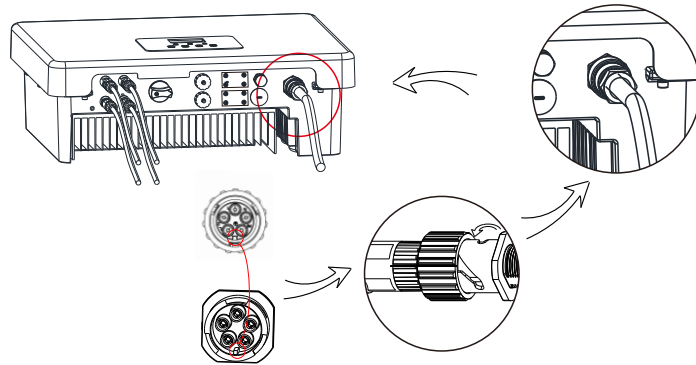
3. Tighten the screw of the back shell and the male insert.



4. Tighten the screw of the back shell and the cable nut.

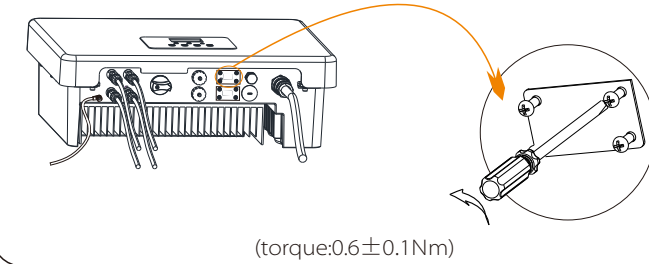


5. Align the groove of male terminal with the convex of female terminal, then tighten the bush in male terminal.



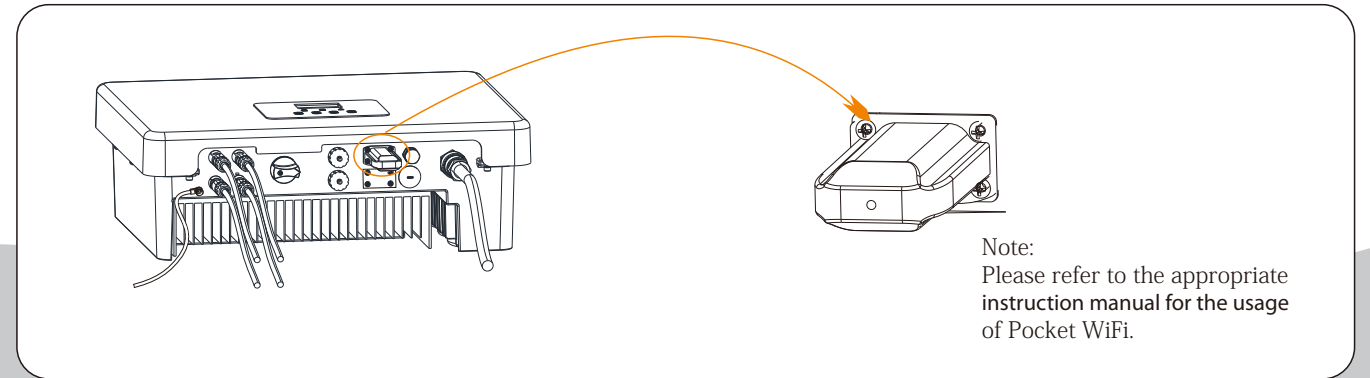
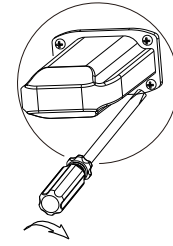
WiFi Connection(optional)

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



(torque: $0.6 \pm 0.1 \text{ Nm}$)

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

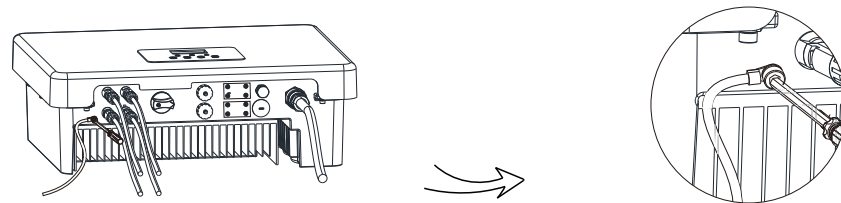


Note:
Please refer to the appropriate instruction manual for the usage of Pocket WiFi.

V

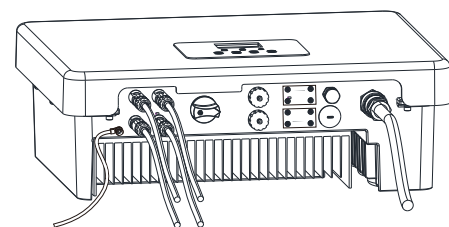
Earth Connection and Overview

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



($\phi 4$ hexagon wrench, torque: $1.5 \pm 0.2 \text{ Nm}$)

- Overview for connection.

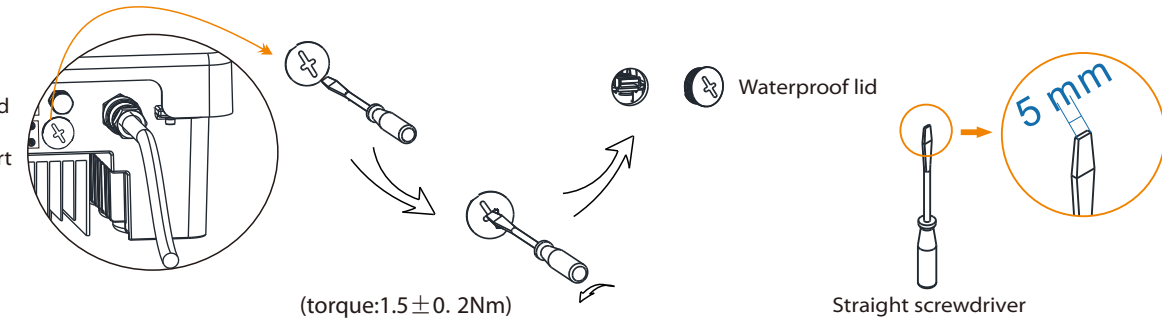


Start inverter

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)

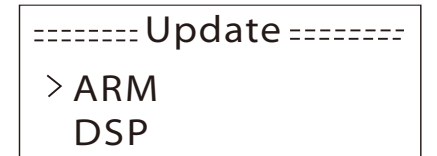
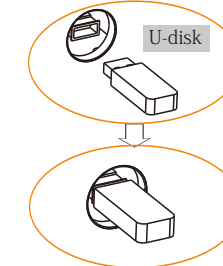
- 1) Make sure the DC switch is off and the AC is disconnected with grid. Unscrew the waterproof lid of Upgrade port by straight screwdriver as the picture shows.



(torque: $1.5 \pm 0.2 \text{ Nm}$)

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.



- 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!