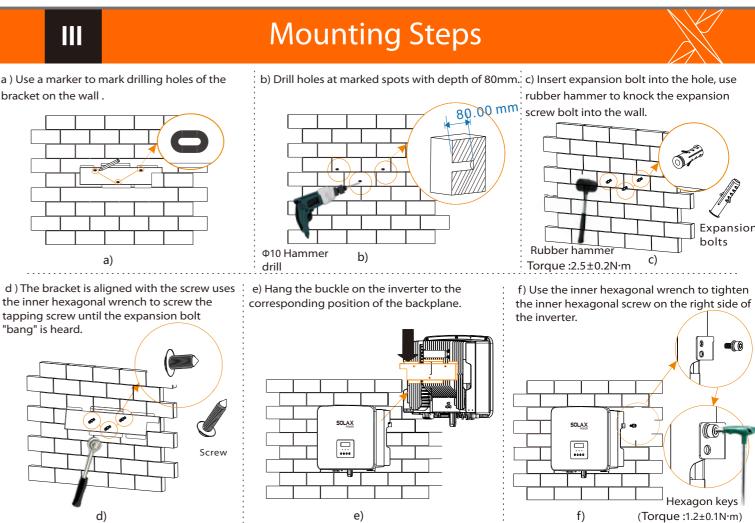
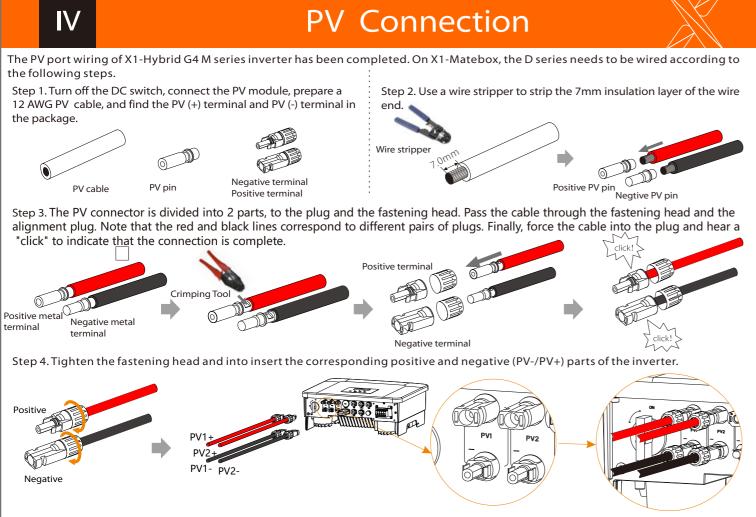


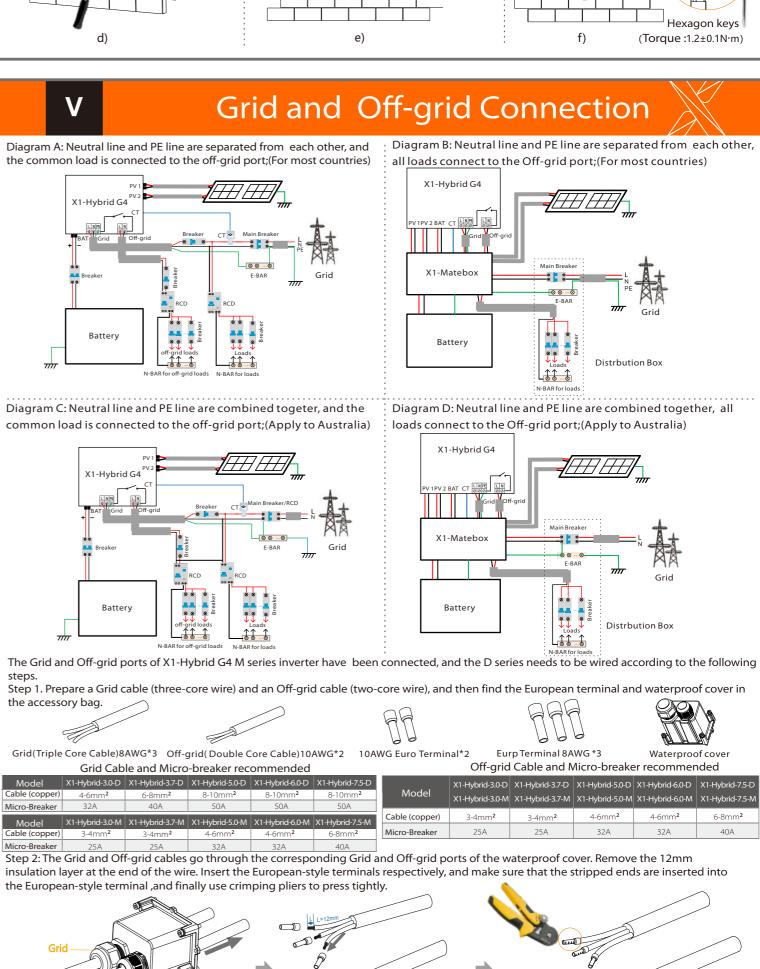
# Hammer drill (Bit \( \phi 10 \) DC Voltage range 21100 V DC Torque screwdriver(Crosshead M5) Socket wrench set(Hexagon) OT terminals press clamp (0.5-6mm²) Diagonal pliers Diagonal pliers Hexagon keys Rubber hammer Tape ruler Crimping Tool Marker Euro terminal crimping tool Spirit level

**Tool Preparation** 

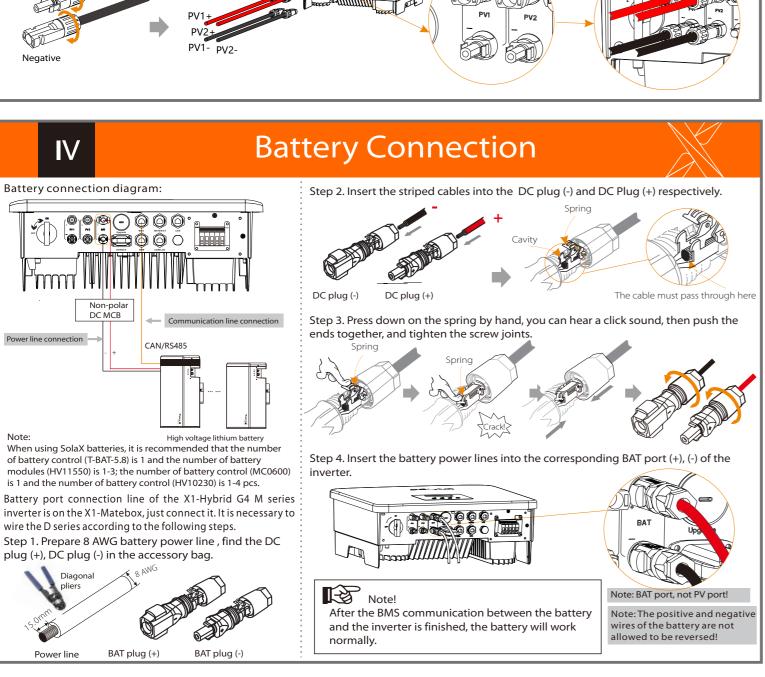


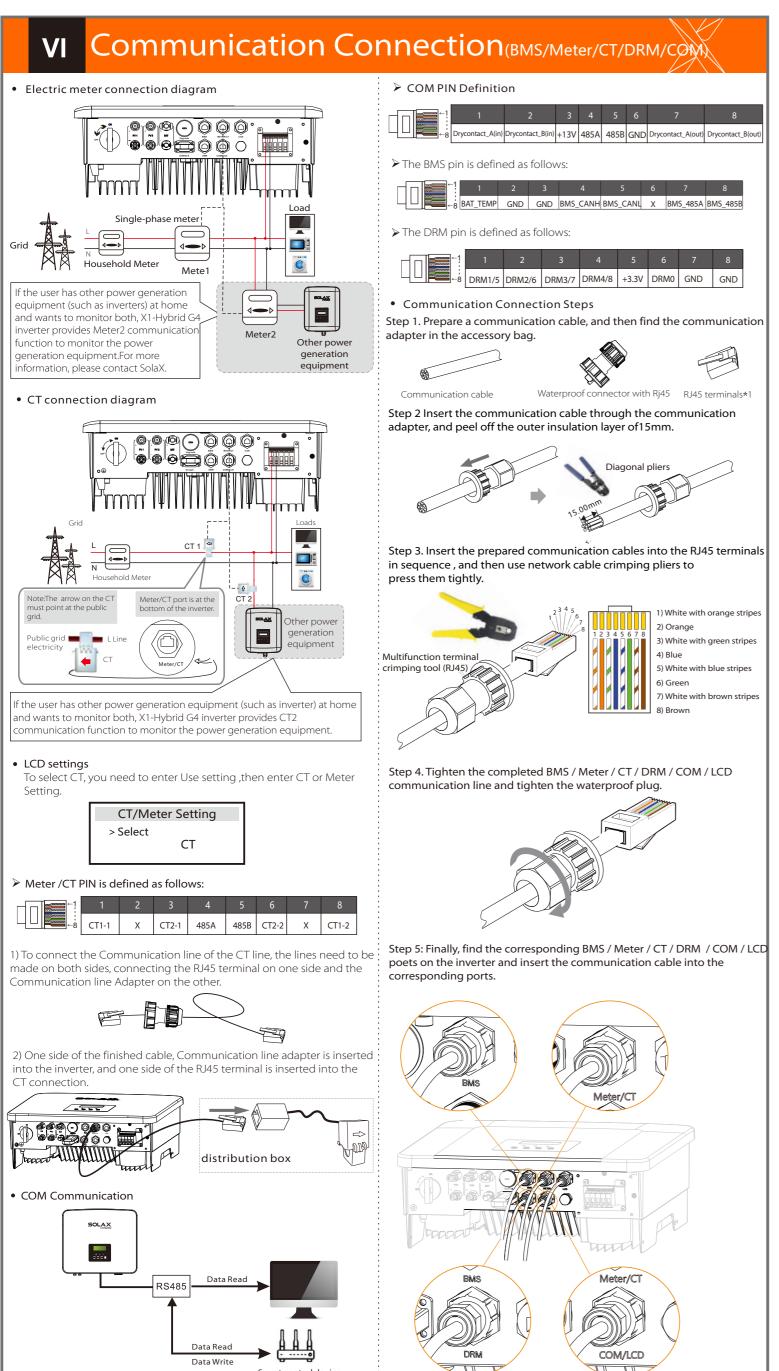






(Torque: 0.2±0.1N°m)





# **Start Inverter**

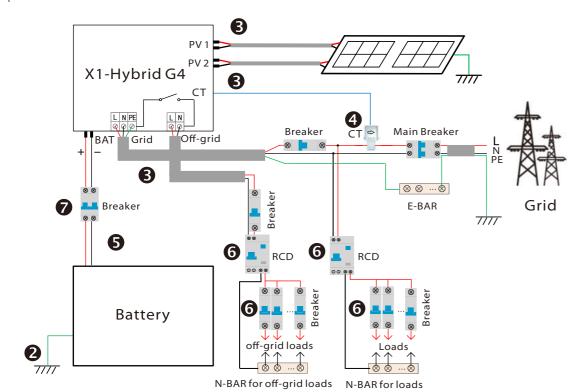
### Start inverter

IX

> After the inverter is checked, the inverter will take the following steps:

(developing)

Applies to most countires



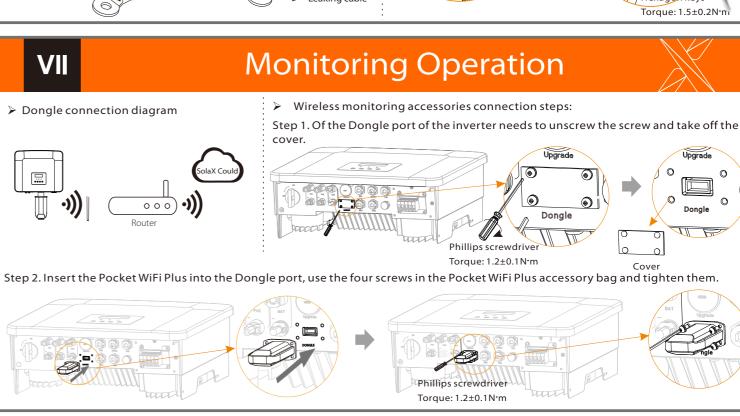
- Make sure that the inverter is fixed on the wall.
- Ensure that all ground wires are grounded.
- Confirm that all DC lines and AC lines are connected.
- Make sure the CT is connected.
- Make sure the battery is well connected.
- **6** Turn on the Load switch and Off-grid switch
- Turn on thebattery switch.

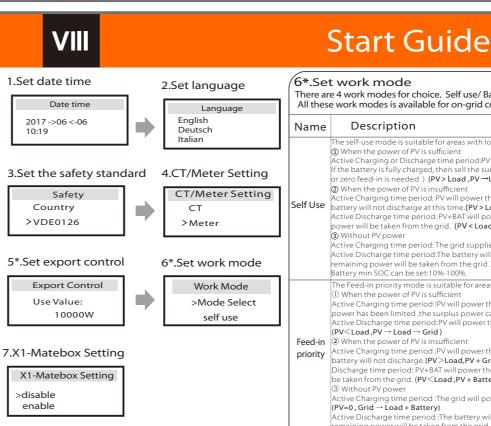
Long press Enter for 5 seconds to exit the shutdown mode. Mode is the mode when it is turned off for the first time; factory default: off mode)

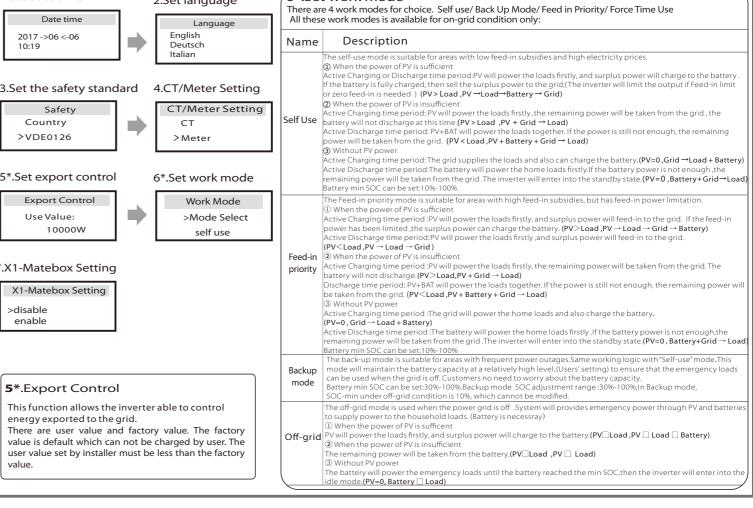
# Grounding Connection(manodatory)

The ground wire port of X1-Hybrid G4 M series inverter has been connected, and the D series needs to be wired according to the following steps. Step 1. Prepare a one-core cable (12AWG), and then find the ground terminal in the accessories. One-core cable (12 AWG) Step 2. Strip the grounding cable insulation(length"L2), insert the stripped cable into the ring terminal, and then clamp it. Crimping Tool

Step 4. Find the ground connection port on the inverter, and screw the ground wire on the inverter with an M5 Allen key.







## Firmware Upgrading

-In order to upgrade the firmware smoothly, if the DSP and ARM firmware needs to be upgraded, please note that ARM firmware must be upgraded first, then DSP firmware!

-Make sure that this directory is completely consistent with the above table, do not modify the firmware file name, Otherwise, the inverter may not wor -For X1-Hybrid G4, ensure that the PV input voltage is greater than 100V (upgrade on sunny days), please ensure that the battery SOC is greater than 20%

or the battery input voltage is greater than 90V. Otherwise, it may cause serious failure during the upgrade process! -If the ARM firmware upgrade fails or stops, please do not unplug the U disk and power off the inverter and restart it. Then repeat the upgrade steps.

1) Please check the inverter version and prepare a U disk (USB 2.0) and personal computer before upgrading.

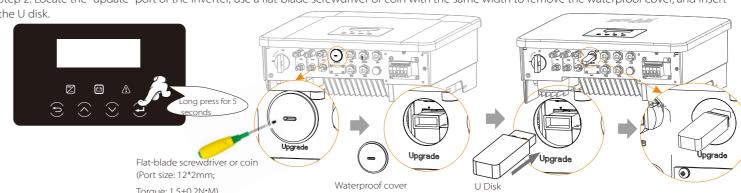
2) Please contact our service support through service@solaxpower.com to obtain the firmware, and store the firmware in the U disk according to the following path.

Update:

For ARM file: "update \ARM\618.00361.00\_Hybrid\_X1G4\_ARM\_V1.01.0710.usb"; For DSP file:"update\DSP\618.00360.00\_Hybrid\_X1G4\_DSP\_V1.01.0710.usb";

Step 1. Please save the "Upgrade" firmware in your U disk first, and press the "Enter" button on the inverter screen for 5 seconds to enter the OFF

Step 2. Locate the "update" port of the inverter, use a flat-blade screwdriver or coin with the same width to remove the waterproof cover, and insert



Step 3. LCD operation, enter the upgrade interface "update", as shown below(a): Please press the up and down keys to select ARM, then press the bottom of the page to select "OK", press the enter key to enter the software version interface;



Step 4. Please confirm the new firmware version again and select the firmware to upgrade. The upgrade takes about 20 seconds.(d) When it is completed, the LCD screen returns to the "Update" page.

==== Update Selection ==== ARM >DSP	=== Update DSP File === >618.00360.00_Hybrid_ X1G4_DSP_V1.01_07 10.hex	====Update(DSP) === connect	DSP Erasing	==== Update(DSP) ====: Upgrading25%	=== Update(DSP) === Upgrade Successful
(f)	(g)	(h)	(i)	(j)	(k)

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