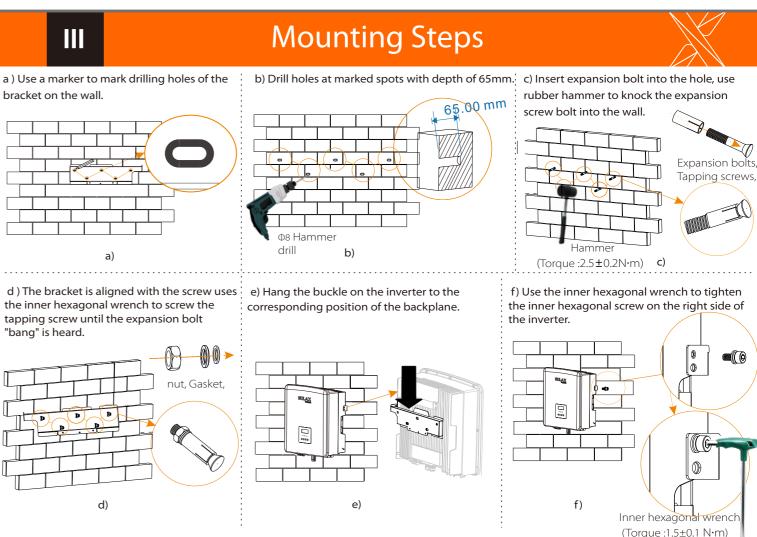
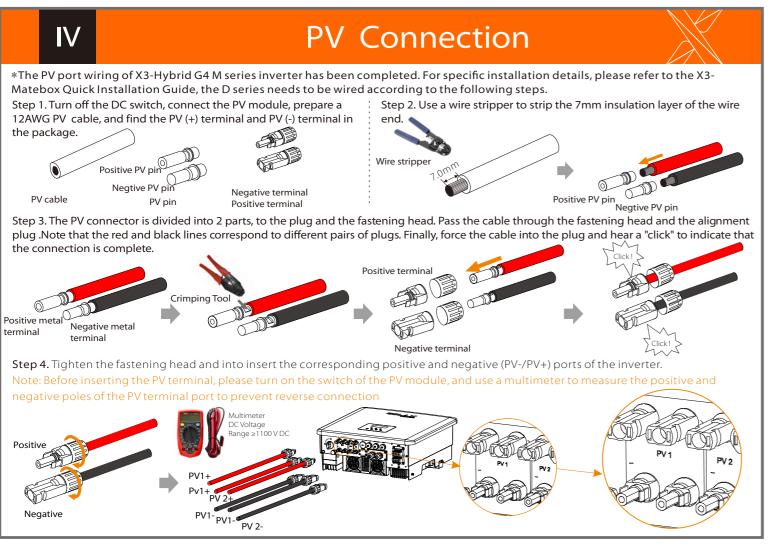


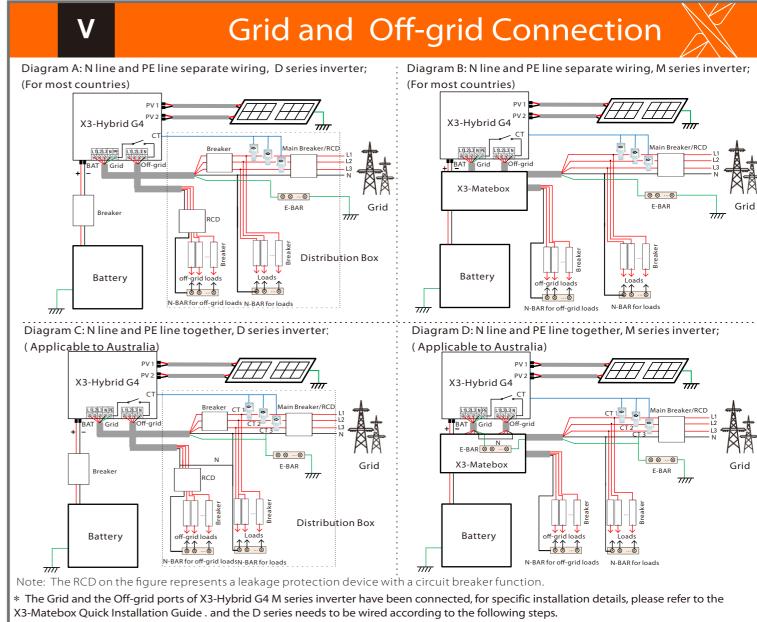


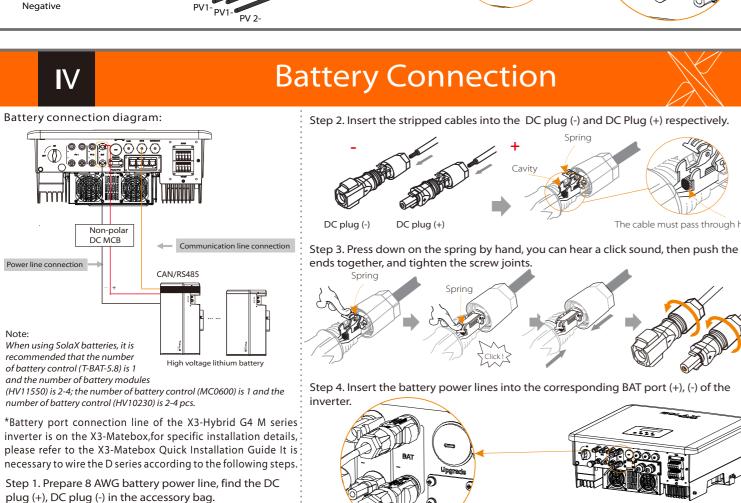
Tool Preparation











BAT plug (+)

Note: The positive and negative wires of the battery are not allowed to be reversed! Note!

After the BMS communication between the battery and the inverter is finished, the battery will work

Step 1. Prepare a Grid cable (five-core wire) and an Off-grid cable (four-core wire), and then find the European terminal and waterproof cover in the accessory bag.

10AWG Grid(five-core wire)

10AWG Grid(five-core wire)

10AWG Grid (four-core wire)

10AWG Euro Terminal*10

Waterproof cover

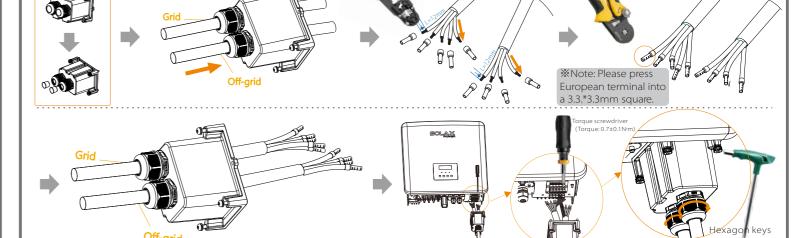
Off-grid Cable and Micro-breaker recommended

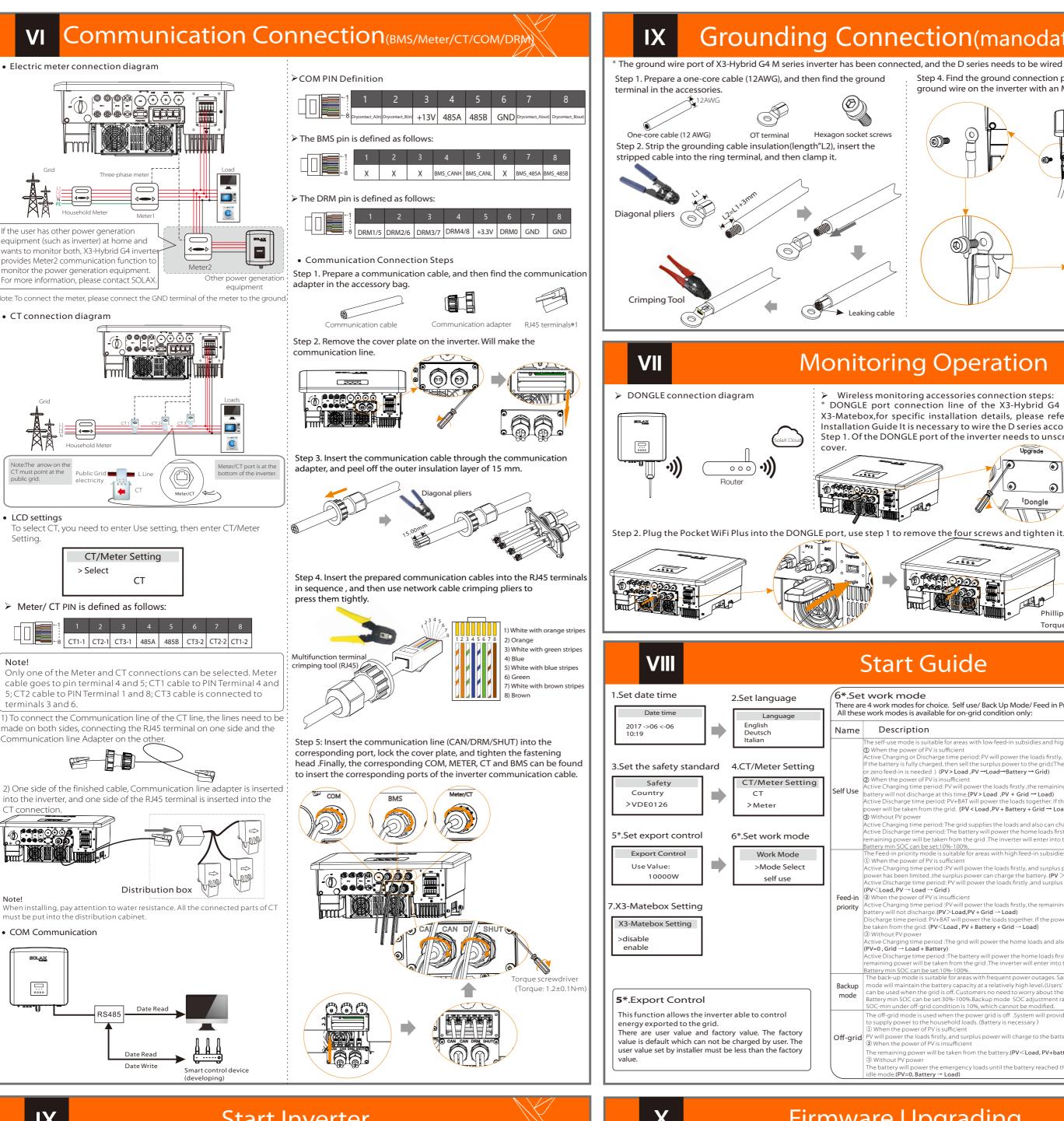
Off-grid Cable and Micro-breaker recommended

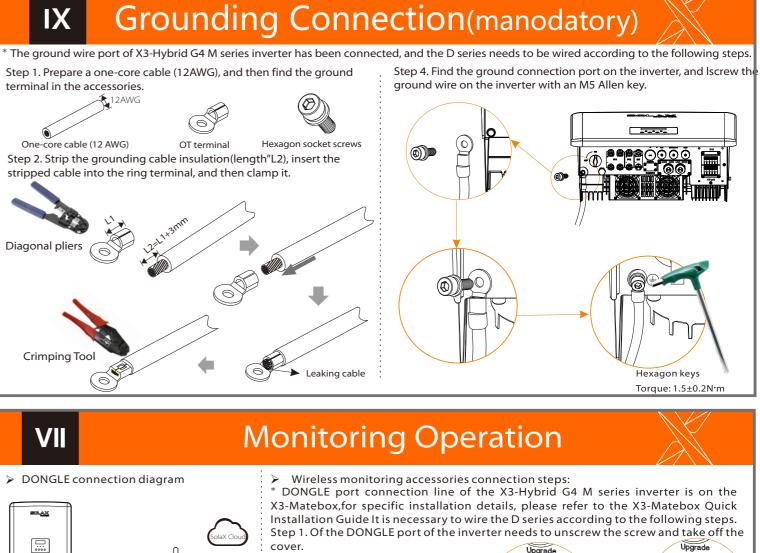
Nodel

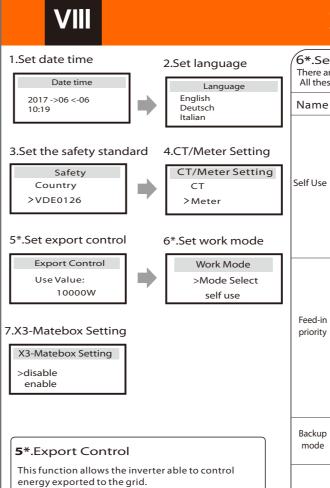
X3-Hybrid-50-D

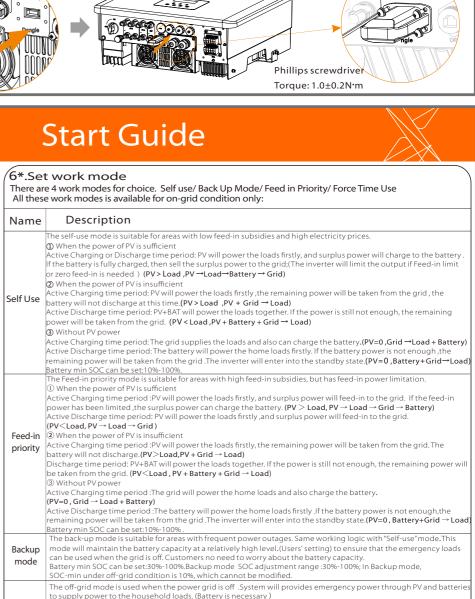
X3-Hyb











Off-grid PV will power the loads firstly, and surplus power will charge to the battery.(PV>Load, PV → Load → Battery)

The remaining power will be taken from the battery. (PV \leq Load, PV+battery \rightarrow Load \rightarrow Battery)

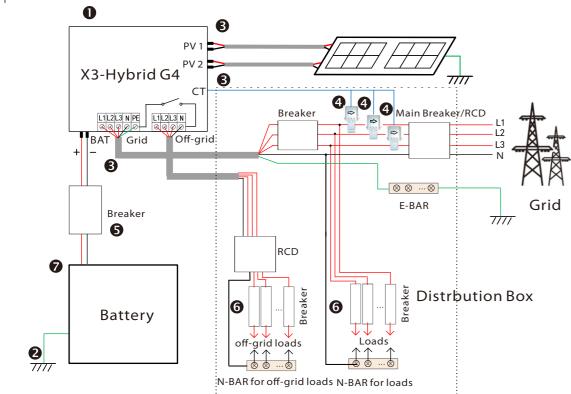
Dongle

Start Inverter

Start inverter

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

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 are 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)

Note: The RCD on the figure represents a leakage protection device with a circuit breaker function.

There are user value and factory value. The factory

value is default which can not be charged by user. The

user value set by installer must be less than the factory

Firmware Upgrading

1) When the power of PV is sufficient

② When the power of PV is insufficient

ode.(PV=0, Battery → Load)

-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!

3 Without PV power

-For X3-Hybrid G4, ensure that the PV input voltage is greater than 180V (upgrade on sunny days), please ensure that the battery SOC is greater than 20% or the battery input voltage is greater than 180V. 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.

-Make sure that this directory is completely consistent with the above table, do not modify the firmware file name, Otherwise, the inverter may not work

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\618.00406.00_Hybrid_X3G4_ARM_V1.01.0710.usb"; For DSP file: "update\DSP\618.00405.00_Hybrid_X3G4_DSP_V1.01.0710.usb";

Step 1. Please save the "Upate" firmware in your U disk first, and press the "Enter" button on the machine screen for 5 seconds to enter the shutdown mode. Then unscrew the waterproof cover, insert the U disk into the "upgrade" port at the bottom of the inverter.

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 ====	=== Update DSP File ===	====Update(DSP) ====	===Update(DSP) ===	==== Update(DSP) ====:	=== Update(DSP) ===
ARM >DSP	>618.00405.00_Hybrid_ X3G4_DSP_V1.01_07 10.hex	connect	DSP Erasing	Upgrading25%	Upgrade Successful
(f)	(a)	(h)	(i)	(i)	(k)

614.00499.01