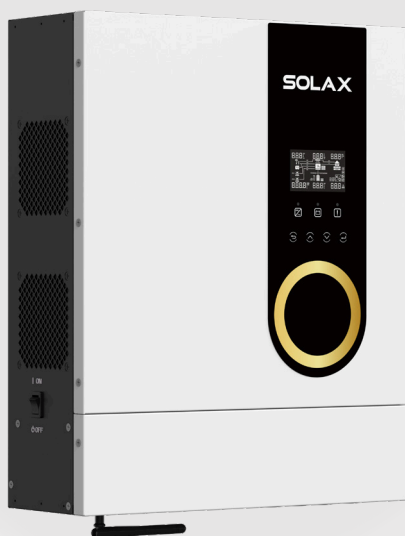


SOLAX



OG Series

5 kW / 6 kW

User Manual

Version 1.0

www.solaxpower.com



eManual in the QR code or at
www.solaxpower.com

STATEMENT

Copyright

Copyright © SolaX Power Network Technology (Zhejiang) Co., Ltd. All rights reserved.

No part of this manual may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means without the prior written permission of SolaX Power Network Technology (Zhejiang) Co., Ltd.

Trademarks



and other symbol or design (brand name, logo) that distinguishes the products or services offered by SolaX has been trademark protected. Any unauthorized use of the above stated trademark may infringe the trademark right.

Notice

Please note that certain products, features, and services mentioned in this document may not be within the scope of your purchase or usage. Unless otherwise specified in the contract, the contents, information, and recommendations presented in this document are provided "as is" by SolaX. We do not provide any warranties, guarantees, or representations, whether express or implied.

The content of the documents is reviewed and updated as needed. However, occasional discrepancies may occur. SolaX retains the right to make improvements or changes in the product(s) and the program(s) described in this manual at any time without prior notice.

The images included in this document are solely for illustrative purposes and may differ based on the specific product models.

For more detailed information, kindly visit the website of SolaX Power Network Technology (Zhejiang) Co., Ltd. at www.solaxpower.com.

SolaX retains all rights for the final explanation.

About This Manual

Scope of Validity

This manual is an integral part of OG series inverter. It describes the installation, electrical connection, operation and troubleshooting of the product. Please read it carefully before operating.

This manual is valid for the following inverter models:

- OG648
- OG548

Model description

OG648



Item	Meaning	Description
1	Product family name	"OG": off-grid.
2	Power	"6": rated output power is 6 kW.
3	Voltage	"48": rated battery voltage is 48 V.

Target Group

The installation, maintenance and grid-related setting can only be performed by qualified personnel who:

- Are licensed and/or satisfy state and local regulations.
- Have good knowledge of this manual and other related documents.

Conventions

The symbols that may be found in this manual are defined as follows.

Symbol	Description
 DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION!	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury, device damage, power generation loss or unanticipated results.
NOTICE!	Provides tips for the optimal operation of the product.

Change History

Version 1.0 (2026-06-09)

Updated ["2.3 Appearance and Dimensions"](#), ["2.4 Product Overview"](#), ["5 Electrical Connection"](#), ["6 Parallel Connection"](#)

Updated ["7.3 LCD Display Setting"](#)(Added item 034–036)

Added ["Installation video"](#)

Version 0.0 (2026-01-26)

Initial release

Table of Contents

1	Safety	1
1.1	General Safety	1
1.2	Safety Instructions of PV, Inverter, Battery and Grid	1
1.3	Symbols on the Label and Inverter.....	4
2	Introduction	5
2.1	Features	5
2.2	Basic System Architecture.....	5
2.3	Appearance and Dimensions.....	6
2.4	Product Overview.....	7
3	Preparation before Installation.....	8
3.1	Transportation	8
3.2	Unpacking and Inspection.....	8
3.3	Installation Tools.....	8
3.4	Additionally Required Materials	9
3.5	Installation Requirement.....	10
4	Installation	12
5	Electrical Connection	14
5.1	Single Inverter Wiring Diagram.....	14
5.2	PE Connection	15
5.3	Battery Connection.....	17
5.4	PV Connection	19
5.5	AC Side Connection	20
5.6	Install the Upper Cover	21
5.7	Communication Connection.....	21
6	Parallel Connection	22
6.1	Parallel Connection Procedures	22
6.2	Single Phase Parallel Wiring Diagram	23
6.3	Three Phase Parallel Wiring Diagram.....	24
7	Operation.....	25
7.1	System Power ON/OFF	25
7.2	Operation and Display Panel.....	25
7.3	LCD Display Setting.....	30
7.4	Troubleshooting.....	39

	7.5 Maintenance.....	41
8	Operation on SolaXCloud App.....	44
	8.1 Downloading and Installing App.....	44
	8.2 Operation on the SolaXCloud App.....	44
9	Technical Data	48
10	Appendix	50

1 Safety

1.1 General Safety

The series inverter has been meticulously designed and tested to comply with the relevant state and international safety standards. Nevertheless, like all electrical and electronic device, safety precautions must be observed and followed during the installation of the inverter to minimize the risk of personal injury and ensure a safe installation.

Please carefully read, fully comprehend, and strictly adhere to the comprehensive instructions provided in the user manual and any other relevant regulations prior to the installation of the inverter. This document does not replace and is not intended to replace any local, state, provincial, federal or national laws, regulations or codes applicable to the installation, electrical safety and use of the inverter.

SolaX assumes no responsibility for any consequences resulting from the violation of the storage, transportation, installation and operation regulations outlined in this document. Such consequences include, but are not limited to:

- Inverter damage caused by force majeure events, such as earthquakes, floods, thunderstorms, lightning, fire hazards, volcanic eruptions, and similar events.
- Inverter damage due to human causes.
- Inverter damage caused by strong vibrations from external factors before, during and after installation.
- Use or operation of the inverter in violation of state and local policies or regulations.
- Failure to comply with the operation instructions and safety precautions provided with the product and in this document.
- Improper installation or use of the inverter in unsuitable environmental or electrical conditions.
- Unauthorized modifications to the product or software.
- Inverter damage occurring during transportation by the customer.
- Storage conditions that do not meet the requirements specified in this document.
- Installation and commissioning performed by unauthorized personnel who lack the necessary licenses or do not comply with state and local regulations.

1.2 Safety Instructions of PV, Inverter, Battery and Grid

Save these important safety instructions. Failure to follow these safety instructions might result in damage to the inverter and injury or even loss of life.

1.2.1 Safety Instructions of PV



Potential risk of lethal electric shock associated with the photovoltaic (PV) system

- Exposure to sunlight can result in the generation of high DC voltage by PV modules, which can lead to electric shock causing severe injuries or even death.
- Never touch the positive or negative poles of the PV connecting device, and avoid touching both poles simultaneously.
- Do not ground the positive or negative poles of the PV modules.
- Only qualified personnel can perform the wiring of the PV modules.



- Make sure that the input DC voltage does not exceed the maximum DC input voltage specified for the inverter. Overvoltage can cause irreversible damage to the inverter, and such damage is not covered by the warranty.
- PV modules should have an IEC61730 class A rating.

1.2.2 Safety Instructions of Inverter



Potential risk of lethal electric shock associated with the inverter

- Only operate the inverter when it is in a technically faultless condition. Operating a faulty inverter might lead to electric shock or fire.
- Do not attempt to open the enclosure without authorization from SolaX. Unauthorized opening of the enclosure will void the warranty and can result in lethal danger or serious injury due to electric shock.
- Make sure that the inverter is reliably grounded before any operation to prevent the risk of electric shock causing lethal danger or serious injury.
- Only qualified personnel can perform the installation, wiring, maintenance of the inverter by following this document and the related regulations.



- During operation, avoid touching any parts of the inverter other than the power on/off switch and LCD panel (if any).
- Never connect or disconnect the AC and DC connector while the inverter is running.
- Prior to conducting any maintenance or cleaning, turn off the AC power and power on/off switch and disconnect them from the inverter. Wait for 5 minutes to fully discharge the energy.



Potential danger of scalding due to the hot enclosure of the inverter

- Avoid touching the inverter while it is running, as it becomes hot during operation and might cause personal injuries.

 WARNING!

- Use insulated tools when installing the device, and always wear personal protective equipment (PPE) during installation and maintenance.

 CAUTION!

- Please strictly follow installation procedure when you want to disconnect AC or DC terminals.

 CAUTION!

- Make sure that children are supervised to prevent them from playing with the inverter.
- Pay attention to the weight of the inverter and handle it properly to avoid personal injuries.

NOTICE!

- Keep all product labels and the nameplate on the inverter clearly visible and well-maintained.

NOTICE!

- For optimum operation of this inverter, please follow required specification to select appropriate cable size. It is very important to correctly operate this inverter.

1.2.3 Safety Instructions of Battery

 DANGER!

- Never charge a frozen battery.

 WARNING!

- Be very cautious when working with metal tools on or around batteries. Dropping a tool may cause a spark or short circuit in batteries or other electrical parts, even cause an explosion.

 WARNING!

- SolaX assumes no responsibility for any problems arising from the use of third-party lithium batteries connected as lead-acid batteries.
- Prohibit the use of SolaX lithium battery in Lead-acid mode. Any consequences arising from the use of lead-acid mode shall be borne by users themselves, and SolaX will not provide warranty!

 WARNING!

- Carefully follow all safety instructions provided in the battery manual when handling the battery. The battery used with the inverter must meet the specified requirements of the series inverter.

NOTICE!

- The battery model must comply with the local standards and directives.

1.2.4 Safety Instructions of Grid

NOTICE!

- Only connect the inverter to the grid with the permission of the local utility grid company.

1.3 Symbols on the Label and Inverter

Table 1-1 Description of symbols

Symbol	Description
	CE mark. The inverter complies with the requirements of the applicable CE guidelines.
	Additional grounding point.
	Beware of hot surface. Do not touch a running inverter, as the inverter becomes hot during operation!
	Risk of electric shock. High voltage exists after the inverter is powered on!
	Risk of danger. Potential hazards exist after the inverter is powered on!
	Read the enclosed documentations.
	Do not dispose of the inverter together with household waste.
	Do not operate this inverter until it is isolated from battery, mains and on-site PV generation suppliers.
 	Danger of high voltage. Do not touch live parts for 5 minutes after disconnection from the power sources.

2 Introduction

The OG series (off-grid inverter series) is designed for residential solar power needs. It provides 5/6 kW power, and is compatible with SolaX lithium batteries, as well as third-party lithium batteries and lead-acid batteries, meeting diverse user needs for battery selection.

2.1 Features

- Smart load management via independent generator port
- Support up to 3 units in parallel
- Maximum PV input current up to 28 A, easily compatible with high-power modules
- Max. 120 A charge / 140 A discharge current, 20% more than industry average
- Built-in WiFi enables easy remote monitoring
- Overload / over temperature / short circuit protection
- Super-backup without battery in off-grid situation
- Seamless switching ensures uninterrupted power supply (< 4 ms)
- Up to 200% AC output overloading capability for 5s
- Removable dust filter for quick replacement

2.2 Basic System Architecture

The following illustration shows basic application of this inverter. It also includes battery, PV modules, generator or utility in the complete running system.

Consult with your system integrator for other possible system architectures depending on your requirements.

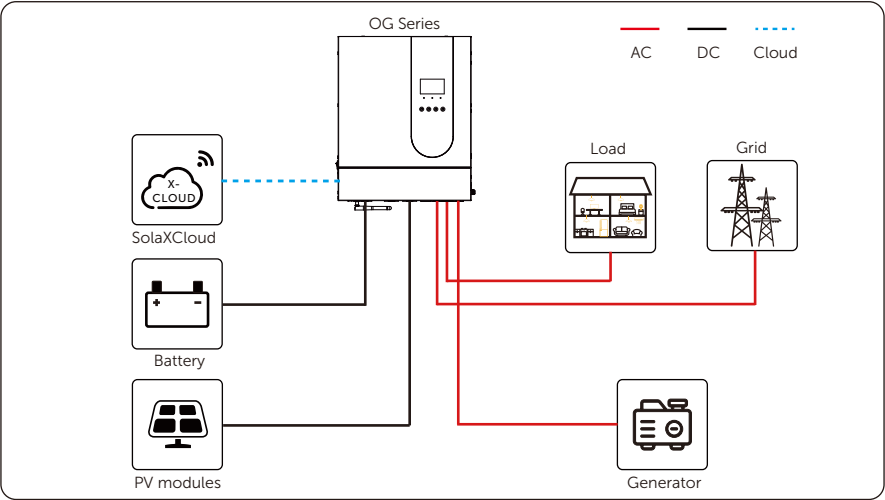


Figure 2-1 System diagram



WARNING!

- When the grid is connected, the generator should not be connected simultaneously.

2.3 Appearance and Dimensions

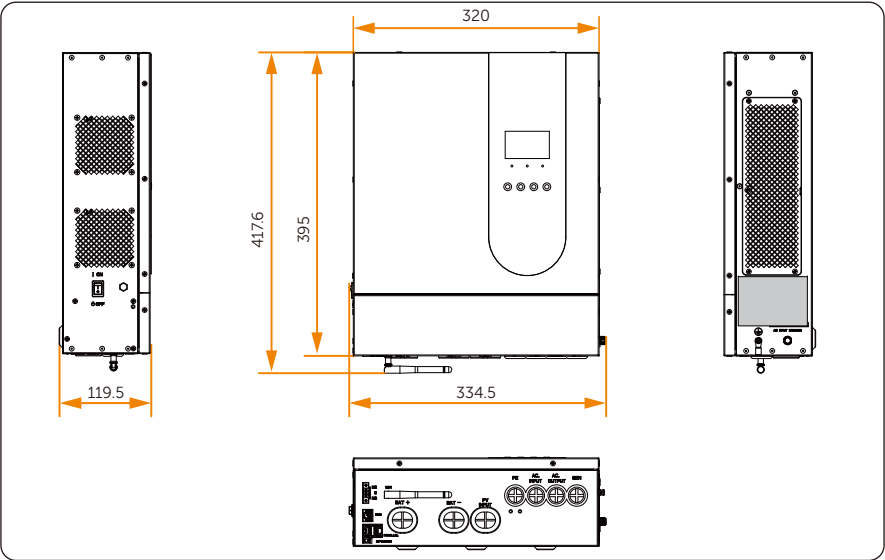
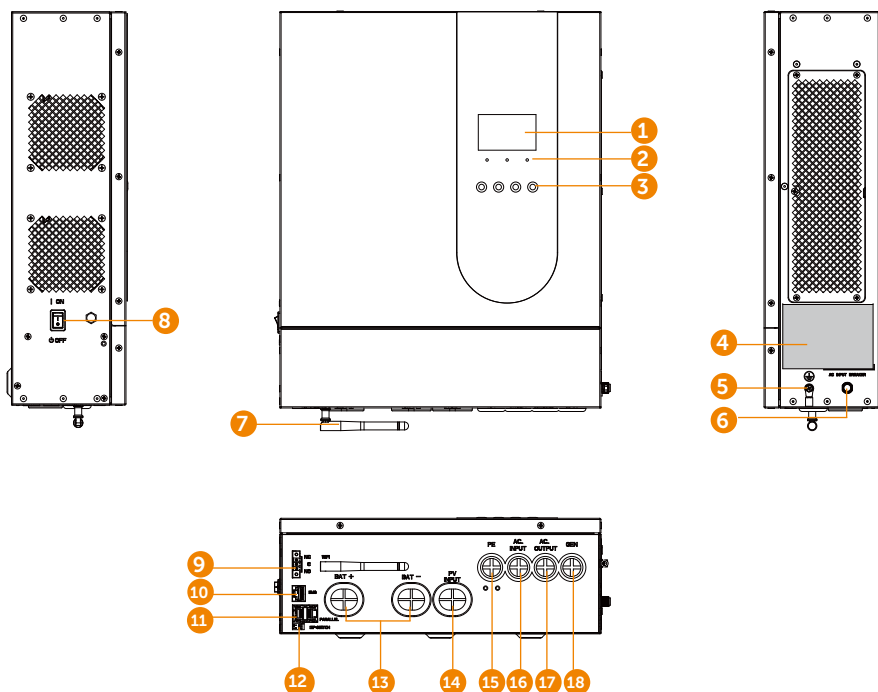


Figure 2-2 Dimensions (Unit: mm)

2.4 Product Overview



1: LCD display

2: LED indicators

3: Function buttons

4: Nameplate

5: Grounding terminal

6: AC INPUT BREAKER

7: Wi-Fi antenna

8: Power on/off switch

9: Dry contact port

10: BMS connection port

11: Parallel connection port

12: DIP-switch

13: Battery connection port

14: PV INPUT port

15: PE port

16: AC INPUT port

17: AC OUTPUT port

18: Generator port

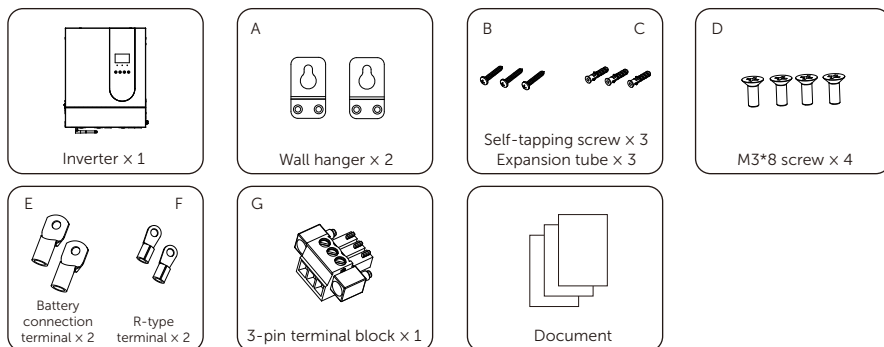
3 Preparation before Installation

3.1 Transportation

- The inverter must be transported in its original packaging. SolaX will not be held responsible for any damage to the inverter caused by improper transportation or by transportation after it has been installed.
- Observe the caution signs on the packaging of inverter before transportation.
- Pay attention to the weight of the inverter. Carry the inverters by the required number of personnel as specified by local regulations.
- Wear protective gloves when carrying the device by hand to prevent injuries.

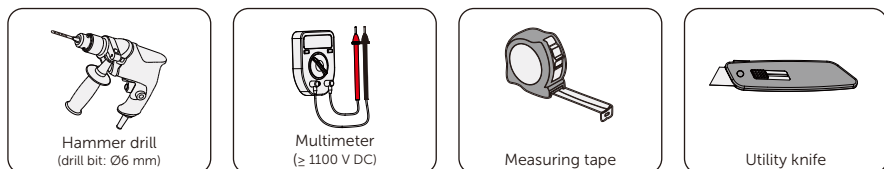
3.2 Unpacking and Inspection

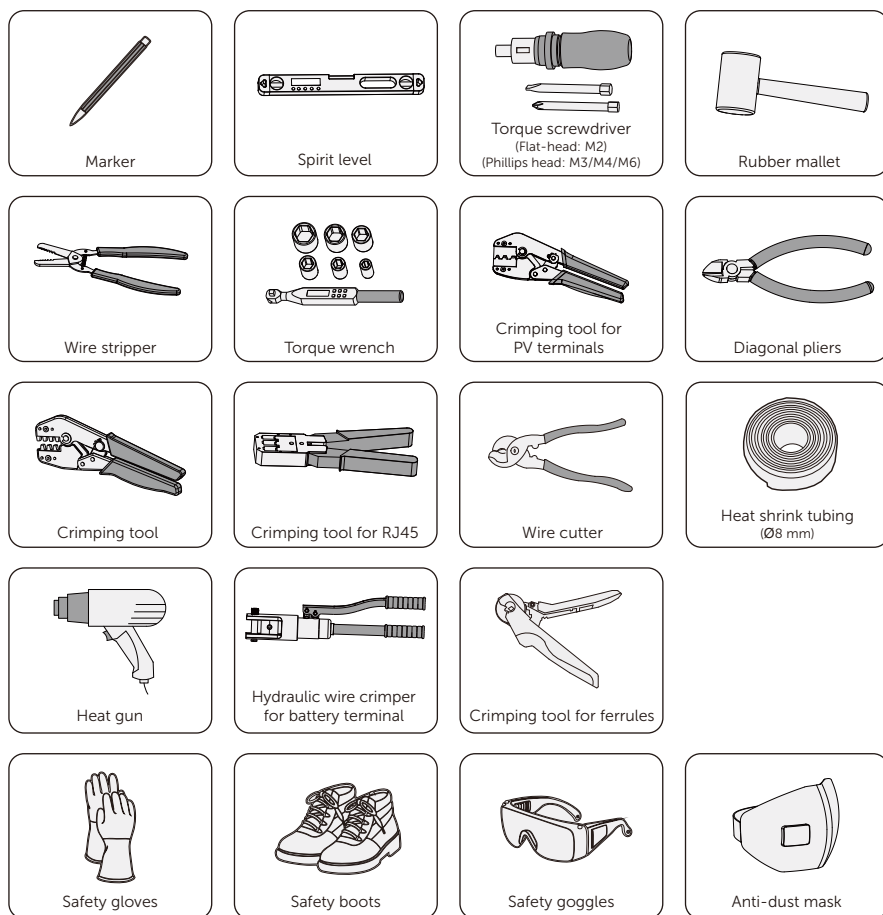
Please make sure nothing is damaged in the package. You should have received the items in the following package:



3.3 Installation Tools

Installation tools include but are not limited to the following recommended ones. If necessary, use other auxiliary tools on site. Please note that the tools used must comply with local regulations.





3.4 Additionally Required Materials

Table 3-2 Additionally Required Materials

No.	Required Material	Type	Conductor Cross-section	Stripping Length
1	Battery cable	 One-core copper cable	35–40 mm ²	18 mm
2	PV cable	 Dedicated PV wire with a voltage rating of 1000 V, a temperature resistance of 105°C, a fire resistance grade of VW-1	4–6 mm ²	10 mm

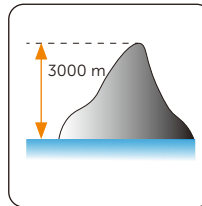
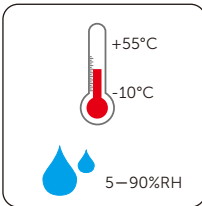
Preparation before Installation

No.	Required Material	Type	Conductor Cross-section	Stripping Length
3	AC INPUT/ AC OUTPUT/ GEN cable	 One-core copper cable	8–10 mm ²	10 mm
4	PE cable	 Conventional yellow and green wire	6–8 mm ²	10–12 mm
5	Cable for dry contact	 Two-core copper cable	0.8–1.5 mm ²	6 mm

3.5 Installation Requirement

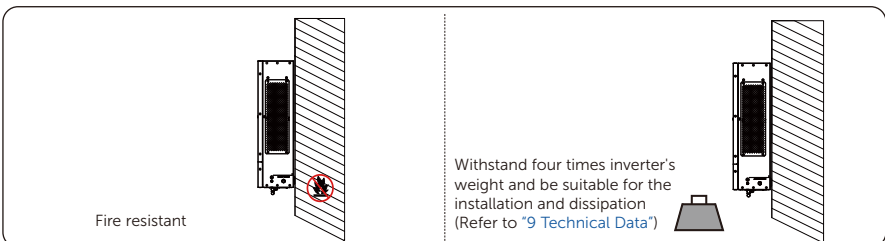
Installation site

- The ambient temperature: -10°C to +55°C.
- The relative humidity shall be between 5–90%RH.
- Do not install the inverter in the areas where the altitude exceeds 3000 m.
- Install the inverter in a well-ventilated environment for heat dissipation. Do not install the inverter in areas with flammable, explosive and corrosive materials or near antennas.



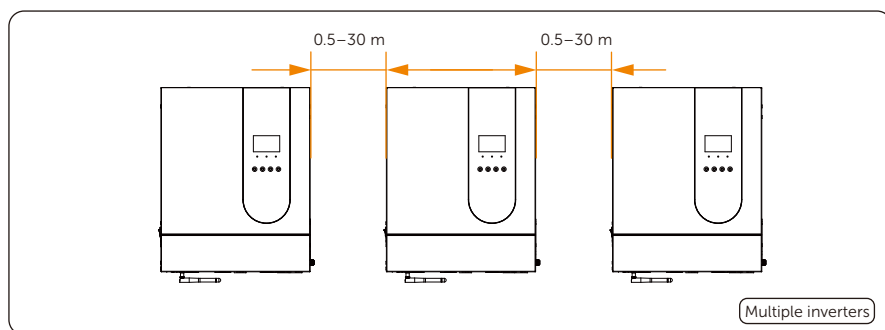
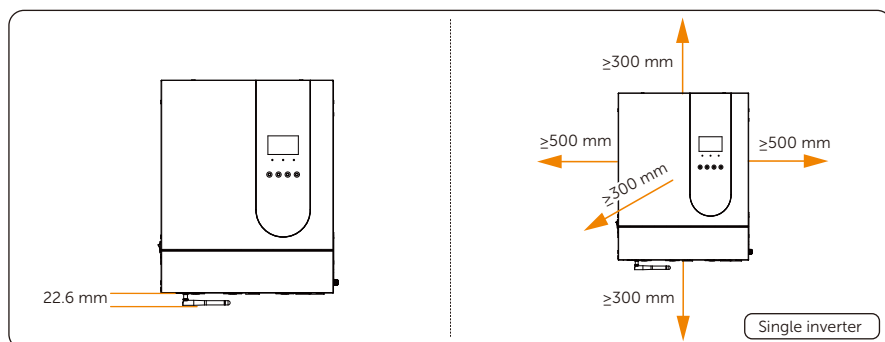
Installation carrier

The installation carrier must be made of a non-flammable material, such as solid brick, concrete, etc. and be capable of supporting the weight of the inverter and suitable of the dimensions of the inverter.

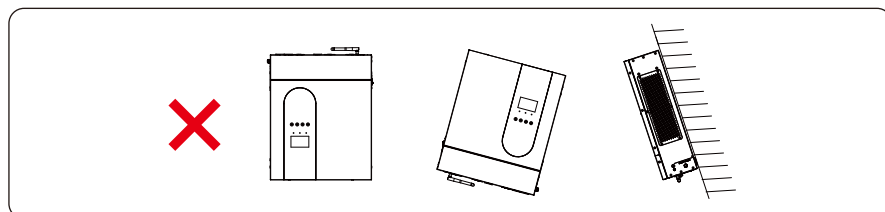
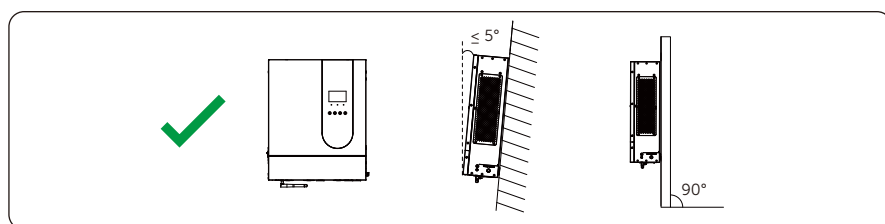


Installation clearance

Install this inverter at eye level in order to allow the LCD display to be read at all times.



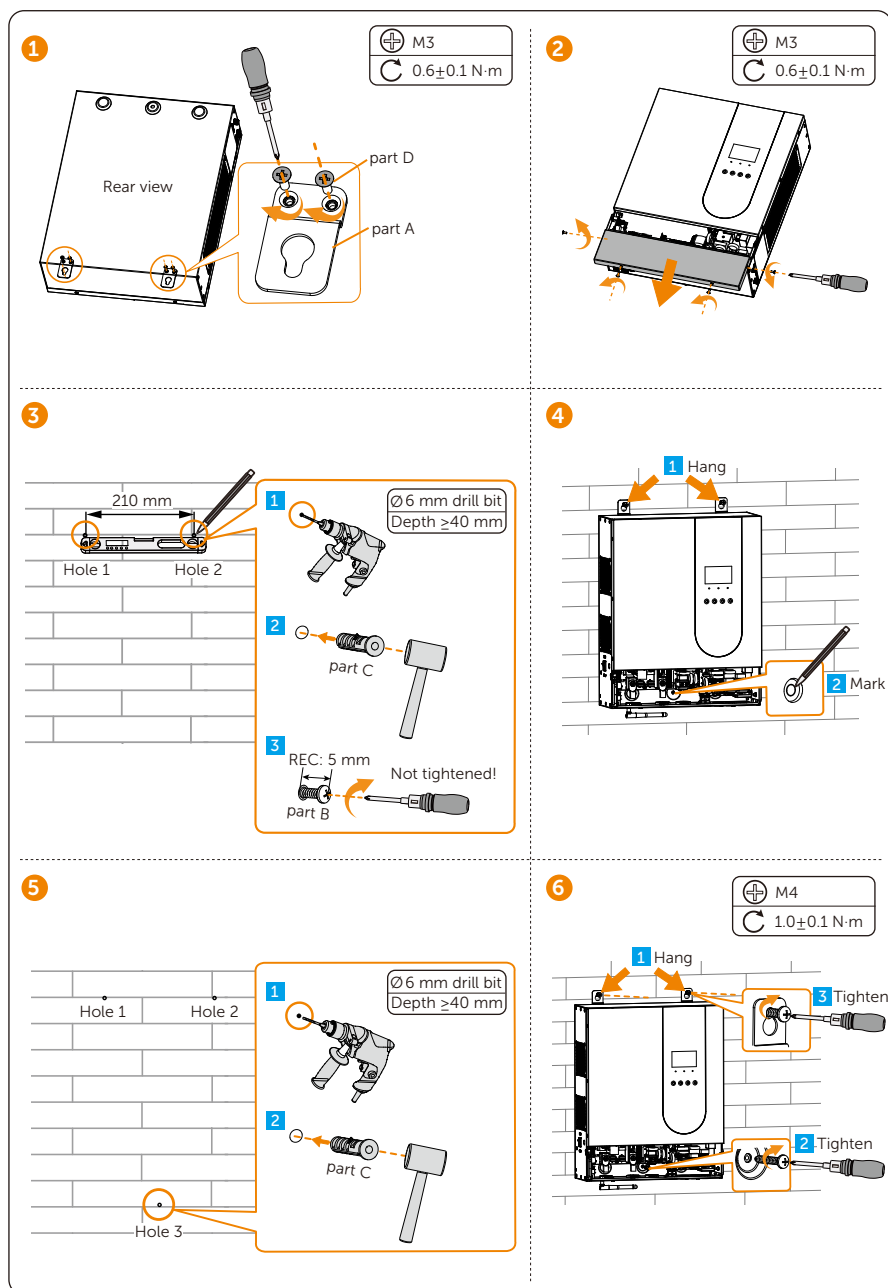
Installation angle



4 Installation

Installation procedures

- Step 1:** Turn the inverter over with its back facing up. Fix the two wall hangers (part A) on the inverter with four M3*8 screws (part D).
- Step 2:** Unscrew four screws on the upper cover and remove the upper cover aside for later use.
- Step 3:** Mark two holes (hole 1, hole 2) on the wall using a spirit level.
(1) Drill two holes with Ø6 mm drill bit. The hole depth should exceed 40 mm.
(2) Knock two expansion tubes (part C) into the hole 1 and hole 2.
(3) Tighten two self-tapping screws (part B) into the two expansion tubes.
(Do not tighten completely for now; leave about 5 mm of the screw head away from the wall.)
- Step 4:** Mark the hole 3.
(1) Hang the inverter on the two self-tapping screws at the top through two wall hangers.
(2) Mark the lower hole 3 through the internal hole at the bottom of inverter.
(3) Remove the inverter from the wall.
- Step 5:** Drill the hole 3.
(1) Drill the hole 3 with Ø6 mm drill bit. The hole depth should exceed 40 mm.
(2) Knock the expansion tube into the hole 3.
- Step 6:** Secure the inverter.
(1) Hang the inverter on the two self-tapping screws at the top through two wall hangers.
(2) Tighten the self-tapping screw into the lower expansion tube through the internal hole at the bottom of inverter.
(3) Tighten the two self-tapping screws at the top.

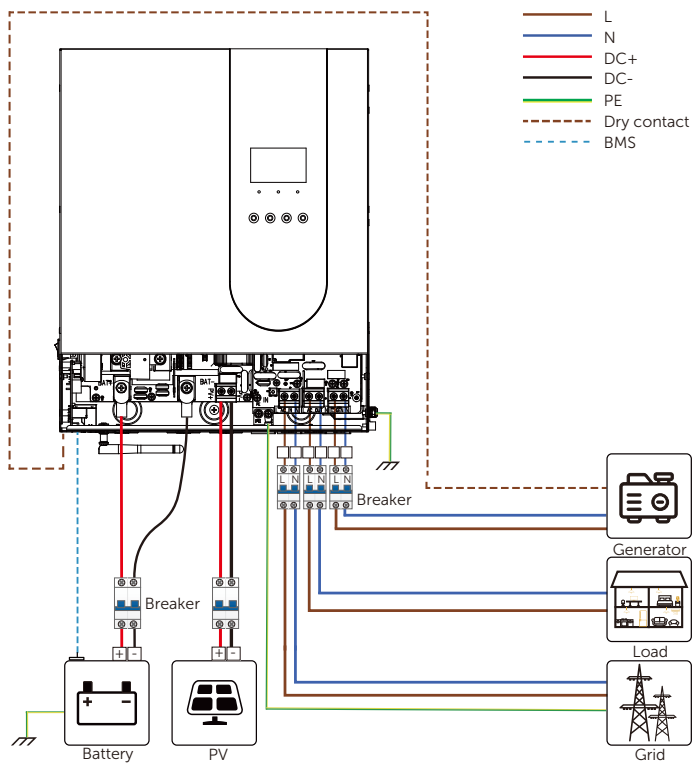


5 Electrical Connection

NOTICE!

- The cable colors shown in figures in this manual are for reference only. Please select cables according to local cable standards.

5.1 Single Inverter Wiring Diagram



Note:

- Breaker recommended

Model	5 kW	6 kW
Breaker for AC INPUT port	50 A	50 A
Breaker for AC OUTPUT port	32 A	40 A
Breaker for GEN port	32 A	40 A
Breaker for BAT port	150 A	200 A

- Please confirm whether to install RCD (residual current device) equipment according to local laws and regulations. The recommended RCD specification is 30 mA for each inverter.

NOTICE!

- For details on parallel wiring of multiple batteries, please refer to the relevant documentation for the battery.

5.2 PE Connection

The inverter must be reliably grounded. The PE connection point has been marked with . It is recommended to connect the inverter to a nearby grounding point.

Step 1: Strip off the insulation of the PE cable to an appropriate length.

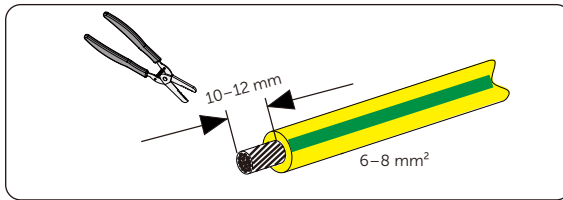


Figure 5-1 Stripping the PE cable

Step 2: Pull the heat-shrink tubing over the PE cable and insert the stripped section into the R-type terminal (part F).

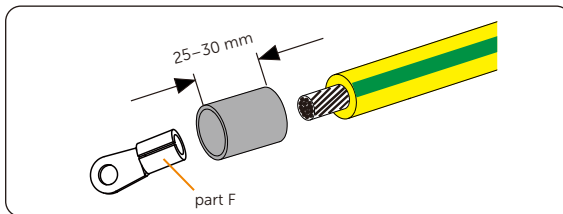


Figure 5-2 Installing the tubing and terminal

Step 3: Crimp it with crimping tool, pull the heat-shrink tubing over the stripped section of the terminal and use a heat gun to shrink it so that it can be firmly contacted with the terminal.

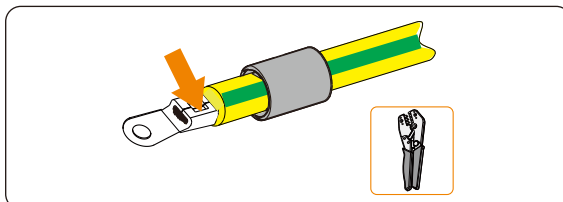


Figure 5-3 Crimping the cable

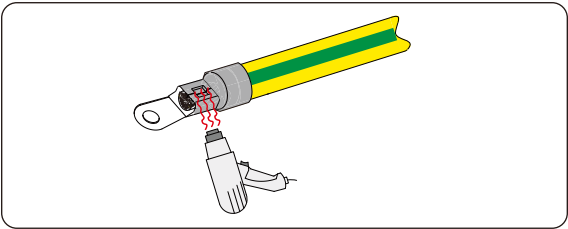


Figure 5-4 Shrinking the tubing

Step 4: Connect PE cables.

NOTICE!

- Before connecting the PE cable, wipe away any dirt from the external grounding point on the inverter.

(a) Remove the PE screw on the side of the inverter with screwdriver. Connect the assembled PE cable to the grounding point of the inverter, and secure it with the original screw.

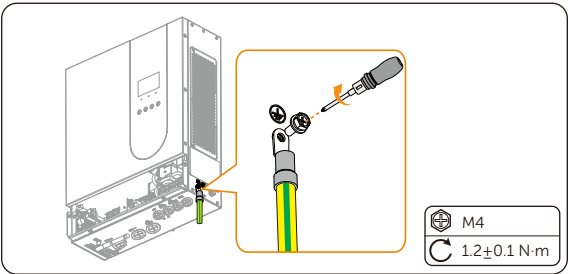


Figure 5-5 Securing the PE cable

(b) Loosen the PE screw inside the inverter with screwdriver. Connect the assembled PE cable to the PE port of the inverter, and tighten it with the original screw.

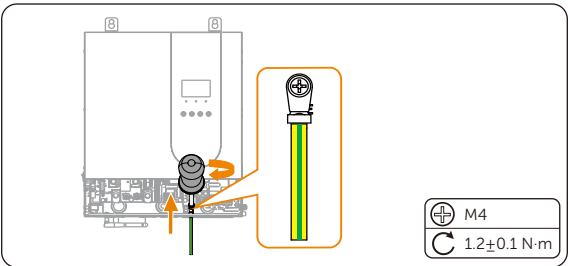


Figure 5-6 Securing the PE cable

5.3 Battery Connection



WARNING!

- All wiring must be performed by a professional person.
- Installation must be performed with care.
- Make sure polarity at both the battery and inverter is correctly connected.
- For safe operation and compliance, a separate DC over-current protector or disconnect device is required between the battery and the inverter.

Step 1: Strip the insulation of the battery power cables to an appropriate length.

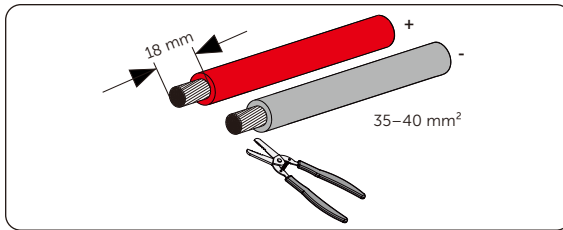


Figure 5-7 Stripping the battery power cables

Step 2: Insert the stripped cable into the battery connection terminal (part E). Crimp it with crimping tool.

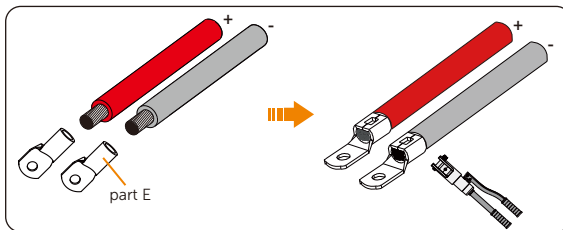


Figure 5-8 Crimping the terminals

Step 3: Introduce the battery cables into the inverter through the corresponding holes and tighten the screws with the screwdriver to secure the battery power cables.

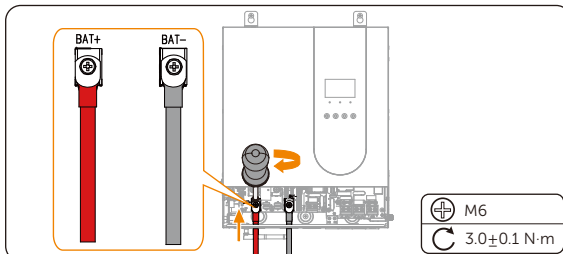
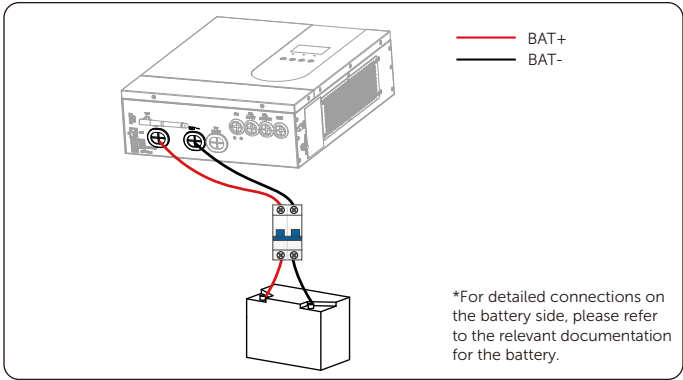


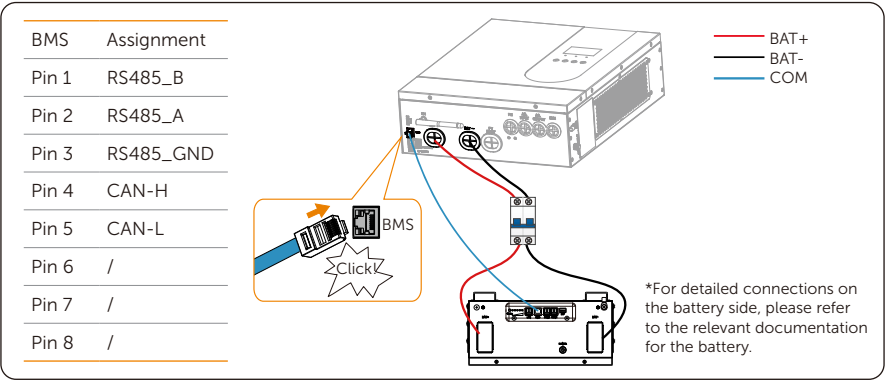
Figure 5-9 Tightening the battery power cables

Lead-acid battery connection diagram



Lithium battery connection diagram

For the lithium battery, a BMS communication cable needs to be connected between the lithium battery and the inverter.



NOTICE!

- For the parallel system, it is recommended to connect the BMS communication cable between the battery and the leader inverter of the parallel system.

NOTICE!

- The recommended battery ratio should be at least 1.4 times. For example, the maximum discharge current of OG648 is 140 A, it is recommended to use batteries with a capacity of 200 Ah or more. For parallel connection, the capacity should be multiplied according to the number of parallel units.

5.4 PV Connection

Step 1: Strip the insulation of the PV cables to an appropriate length.

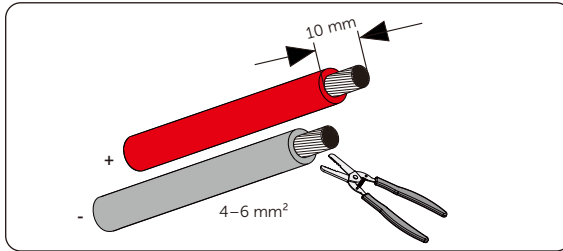


Figure 5-10 Stripping the PV cables

Step 2: Insert the conductors PV+, PV- into the ferrules (user-supplied). Use crimping tool for ferrules to crimp it. Make sure the conductors are firmly seated in the ferrules.

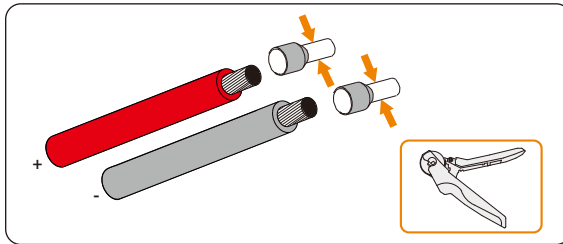


Figure 5-11 Crimping the terminals

Step 3: Insert the crimped conductors into the inverter through the corresponding wire holes and tighten the terminal screws.

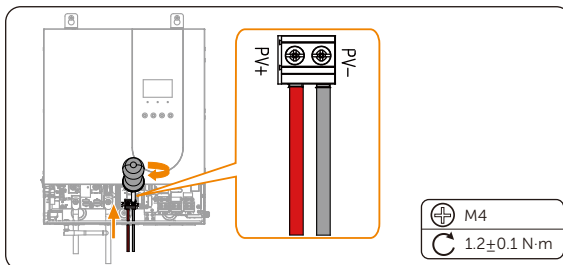


Figure 5-12 Tightening the PV cables

! WARNING!

- The PV+ on the string side must be connected to the PV+ on the inverter side, and the PV- on the string side must be connected to the PV- on the inverter side.

5.5 AC Side Connection

Step 1: Strip the insulation of the INPUT/OUTPUT/GEN cables to an appropriate length.

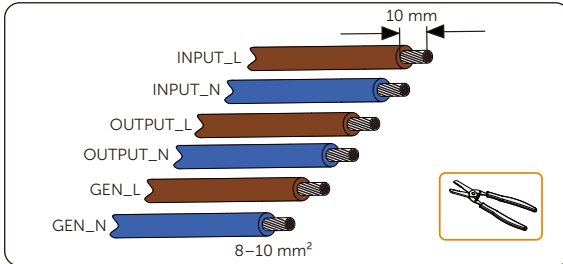


Figure 5-13 Stripping the INPUT/OUTPUT/GEN cables

Step 2: Insert the conductors INPUT_L, INPUT_N, OUTPUT_L, OUTPUT_N, GEN_L, GEN_N into the ferrules (user-supplied). Use crimping tool for ferrules to crimp it. Make sure the conductors are firmly seated in the ferrules.

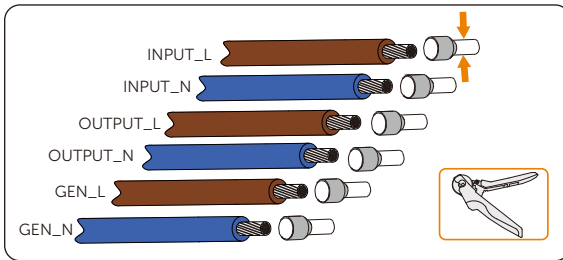


Figure 5-14 Crimping the terminals

Step 3: Insert the crimped conductors into the inverter through the corresponding wire holes and tighten the terminal screws.

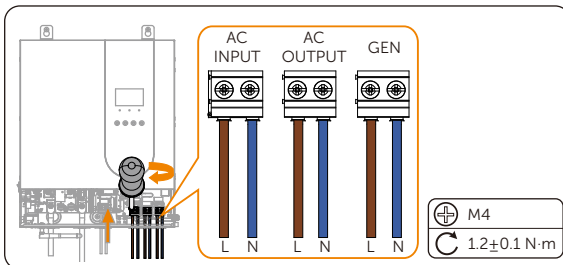


Figure 5-15 Tightening the INPUT/OUTPUT/GEN cables

5.6 Install the Upper Cover

After connecting all inside wiring, please put the upper cover back by screwing four screws as shown below.

NOTICE!

- Before installing the upper cover, wipe away any dirt from the four screw positions to be tightened.

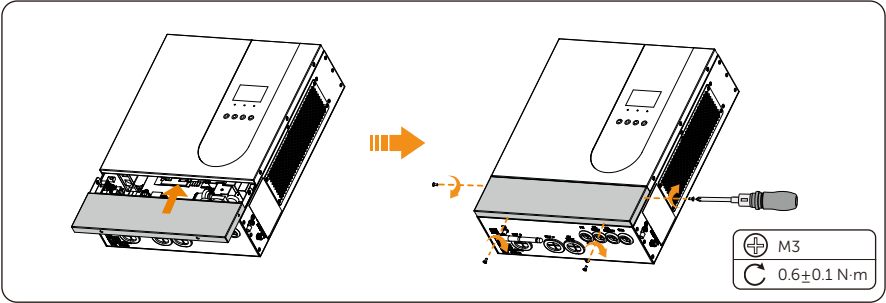


Figure 5-16 Installing the upper cover

5.7 Communication Connection

5.7.1 Dry Contact Connection

- Step 1:** Strip 6 mm of the cable insulation from the three-core copper wire.
- Step 2:** Insert the wire into the 3-pin terminal block (part G).
- Step 3:** Tighten the terminal block screws, ensuring that the wire is securely fixed.

Normal close (NC & C)

Normal open (NO & C)

Dry contact	Assignment
Pin 1	NC
Pin 2	C
Pin 3	NO

Figure 5-17 Dry contact connection diagram

6 Parallel Connection

NOTICE!

- The cable colors shown in figures in this manual are for reference only. Please select cables according to local cable standards.

6.1 Parallel Connection Procedures

Step 1: Insert the RJ45 connectors at both ends of the parallel network cable into the **PARALLEL** ports of inverter 1 and inverter 2.

Step 2: Repeat step 1 to perform parallel connection among all inverters.

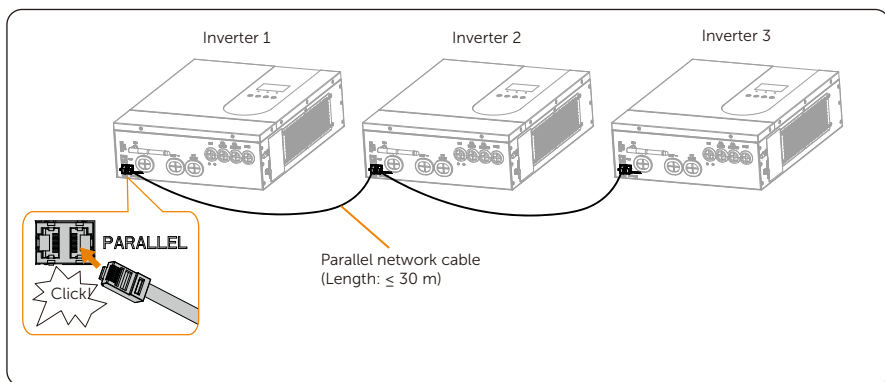


Figure 6-1 Connecting all the parallel network cables

Step 3: Toggle the DIP-switches button "2" of the first (Inverter 1) and last (Inverter 3) inverters to the "ON" position.

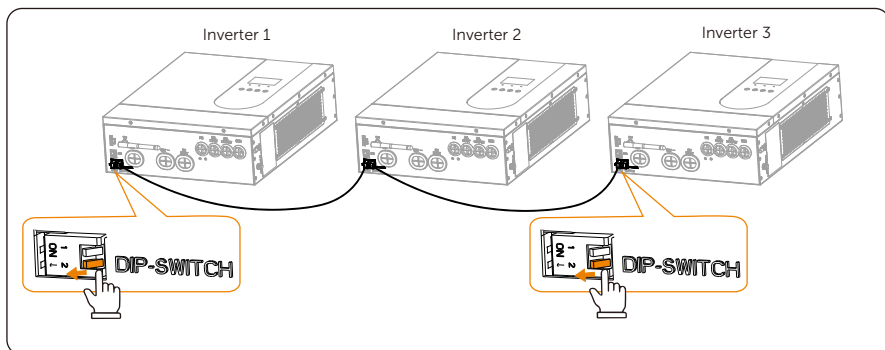
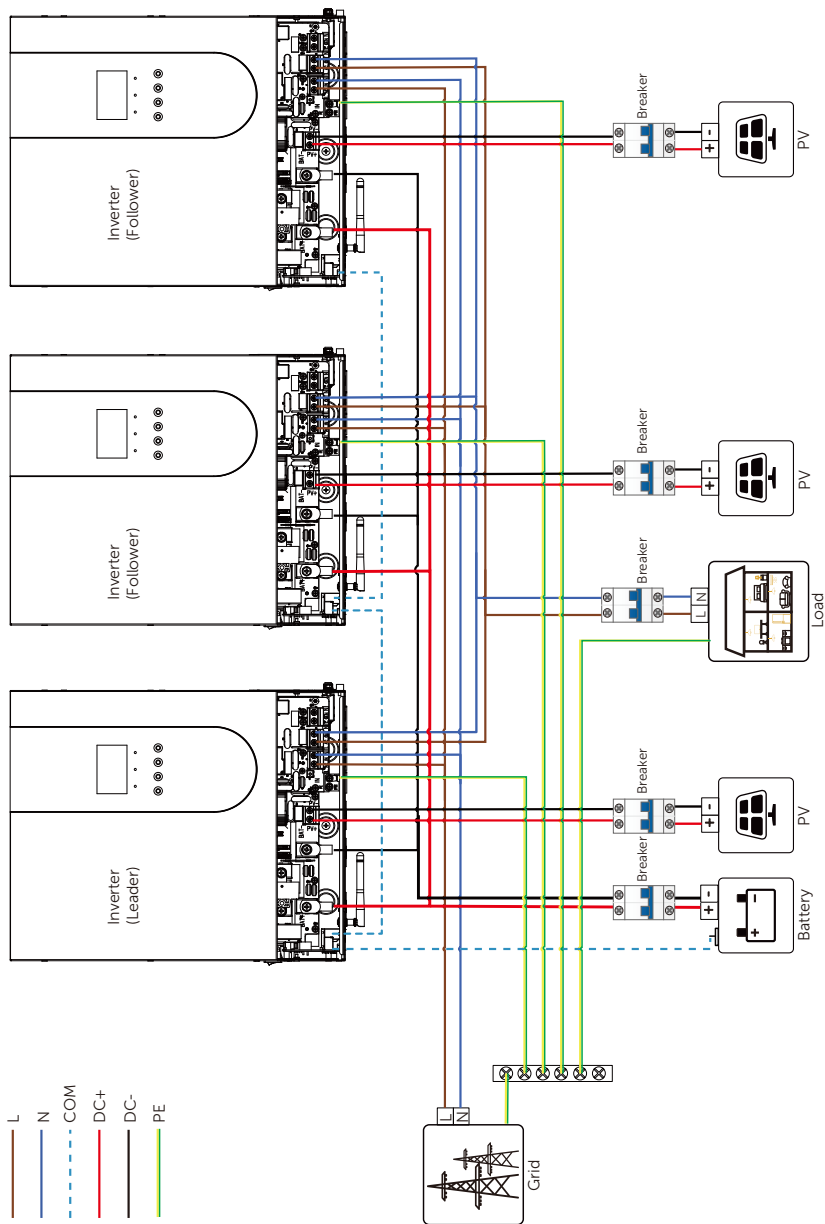
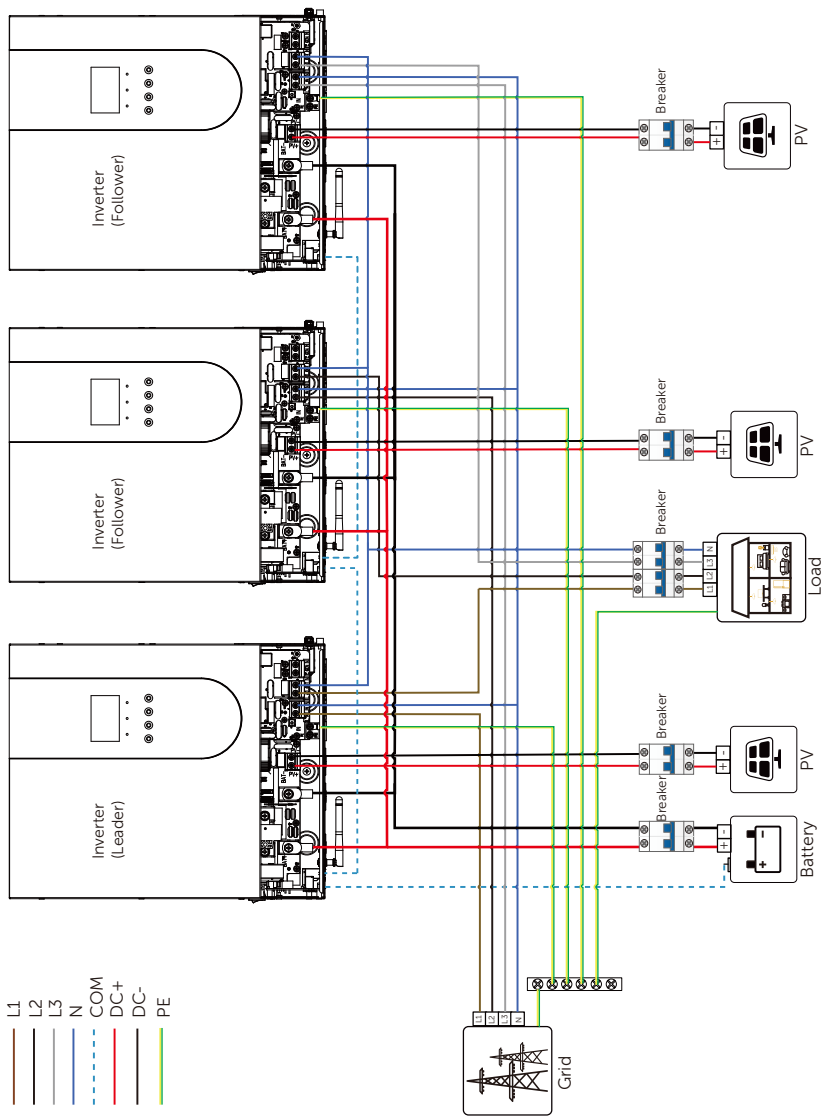


Figure 6-2 Toggling the DIP-switch to "ON"

6.2 Single Phase Parallel Wiring Diagram



6.3 Three Phase Parallel Wiring Diagram



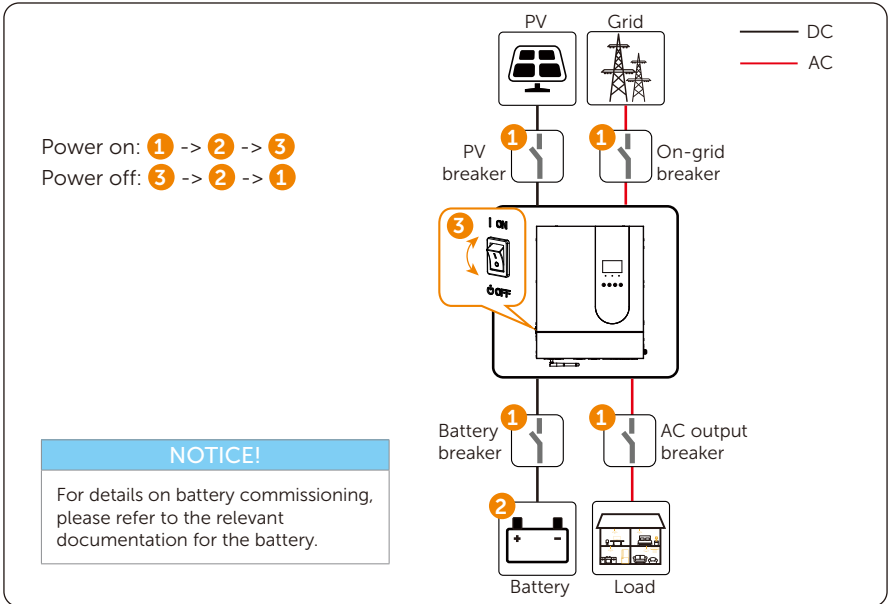
NOTICE!

- For details on parallel wiring of multiple batteries, please refer to the relevant documentation for the battery.

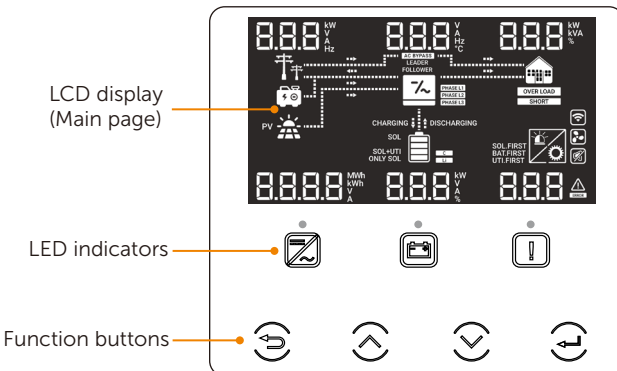
7 Operation

7.1 System Power ON/OFF

Once the unit has been properly installed and the batteries are connected well, simply press **On/Off** switch (located on the left of the unit) to turn on the unit.

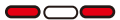


7.2 Operation and Display Panel



LED indicators

Table 7-1 Definition of indicators

LED indicator	Status	Definition
 Operating	 Light on	The inverter is in one of the Normal, AC output, or GEN states.
	 Blinking	The inverter is in one of the Check, AC output Check, or GEN Check states.
	/ OFF	The inverter is in other states.
 Battery	 Light on	• For the lead-acid battery: the battery voltage is normal. • For the lithium battery: the communication between the BMS and the inverter is normal, the battery SoC is normal, and the battery voltage is normal.
	/ OFF	• No battery is connected. • For the lead-acid battery: the battery voltage is too low. • For the lithium battery: the communication between the BMS and the inverter is lost, or the battery SoC is too low, or the battery voltage is too low.
 Error	 Light on	• The DSP is in a fault state. • Internal communication is disconnected.
	 Blinking	The DSP/BMS/ARM has an alarm message.
	/ OFF	The inverter has no faults or alarms.

NOTICE!

- If three LED indicators flash simultaneously, once per second, it indicates that the inverter is in an upgrade state.

Function buttons

Table 7-2 Definition of keys

Key	Definition
	ESC key Exit from the current page or function.
	Up key Go to the previous selection or increase the value.
	Down key Go to the next selection or decrease the value.
	Enter key Confirm the selection or enter the setting page. Note: When on the main page, long press  for 3 seconds to enter the setting page.

Buzzer alarm

Table 7-3 Definition of buzzer alarm

Status	Definition
Buzzer alarm (three times per second)	The device triggers a fan failure alarm.
Buzzer alarm (twice per second)	The device triggers an overload alarm.
Buzzer alarm (once per second)	The device triggers a low-voltage battery alarm.

LCD display panel icons

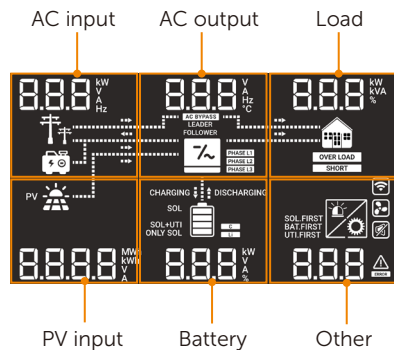
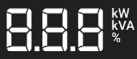
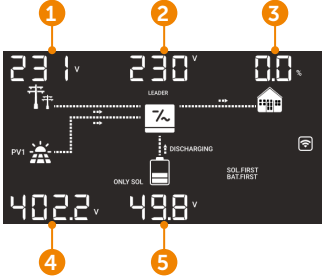
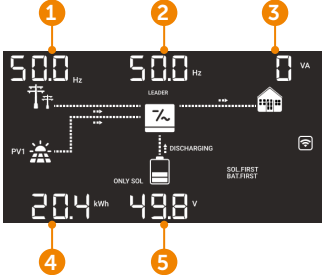
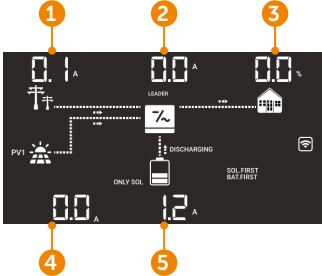
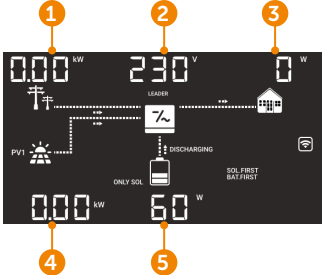


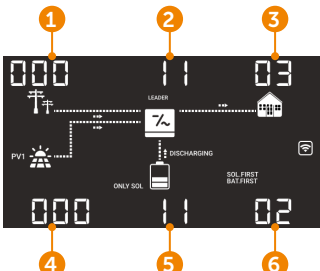
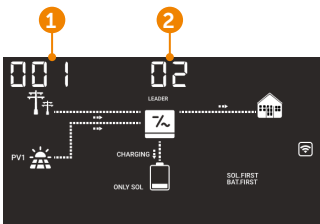
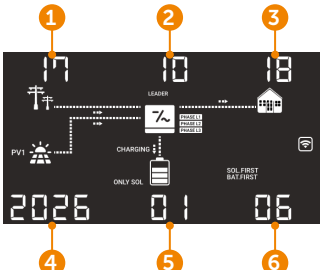
Table 7-4 Description of LCD panel icons

Icon	Description
AC input information	
	AC input icon
	Indicate AC input power, AC input voltage, AC input frequency, AC input current
	Indicate AC power loads in bypass
PV input information	
	Indicate PV energy generation, PV voltage, PV current, etc
	PV input icon

Icon	Description
AC output information	
	Inverter icon
	Indicate output voltage, output current, output frequency, inverter temperature
Load information	
	Load icon
	Indicate active power of load, apparent power of load, power percentage of load
	Indicate overload happened
	Indicate short circuit happened
Battery information	
	Indicate battery level by 0–24%, 25–49%, 50–74% and 75–100%
	Indicate charging/discharging status
	Indicate charging and discharging power, battery voltage, battery current, battery SoC
	Indicate Lithium battery communication is normal
	Indicate Li (lithium) battery
	Indicate charging source priority: solar first, solar and utility, only solar
Other information	
	Indicate the output source priority in different work modes. (For example: when the work mode is USB, it shows UTI.FIRST.)
	Indicate warning code or fault code
	Indicate a warning or a fault is happening
	Indicate it is in the process of setting values
	Indicate the Wi-Fi link Indicate the alarm is disabled

LCD display panel pages

Page	Description
Voltage display page	 The screenshot shows the voltage display page with five data points labeled 1 through 5. 1: AC voltage (231 V), 2: AC output voltage (230 V), 3: Load power percentage (00 %), 4: PV voltage (402.2 V), 5: Battery voltage (49.8 V). The background features a schematic diagram of the system with icons for PV, LEADER, and BATTERY, and status indicators like 'DISCHARGING' and 'SOL FIRST BAT FIRST'. 1 AC voltage 2 AC output voltage 3 Load power percentage 4 PV voltage 5 Battery voltage
Frequency display page	 The screenshot shows the frequency display page with five data points labeled 1 through 5. 1: AC frequency (50.0 Hz), 2: AC output frequency (50.0 Hz), 3: Output apparent power (0 VA), 4: Total PV power generation (20.4 kWh), 5: Battery voltage/SoC (49.8 V). The background features a schematic diagram of the system with icons for PV, LEADER, and BATTERY, and status indicators like 'DISCHARGING' and 'SOL FIRST BAT FIRST'. 1 AC frequency 2 AC output frequency 3 Output apparent power 4 Total PV power generation 5 Battery voltage/SoC
Current display page	 The screenshot shows the current display page with five data points labeled 1 through 5. 1: AC current (0.1 A), 2: AC output current (0.0 A), 3: Load power percentage (00 %), 4: PV current (0.0 A), 5: Battery current (1.2 A). The background features a schematic diagram of the system with icons for PV, LEADER, and BATTERY, and status indicators like 'DISCHARGING' and 'SOL FIRST BAT FIRST'. 1 AC current 2 AC output current 3 Load power percentage 4 PV current 5 Battery current
Power display page	 The screenshot shows the power display page with five data points labeled 1 through 5. 1: AC power (0.00 kW), 2: AC output voltage (230 V), 3: Load active power (0 W), 4: PV power (0.00 kW), 5: Battery power (6.0 W). The background features a schematic diagram of the system with icons for PV, LEADER, and BATTERY, and status indicators like 'DISCHARGING' and 'SOL FIRST BAT FIRST'. 1 AC power 2 AC output voltage 3 Load active power 4 PV power 5 Battery power

Page	Description
Version display page	 1 ARM software major version number 2 ARM software minor version number 3 Power board hardware version number 4 DSP software major version number 5 DSP software minor version number 6 Model (01: 5 kW, 02: 6 kW)
Wi-Fi version display page	 1 Wi-Fi software major version number 2 Wi-Fi software minor version number
Time display page	 1 Hour 2 Minute 3 Second 4 Year 5 Month 6 Day

7.3 LCD Display Setting

Example of necessary settings

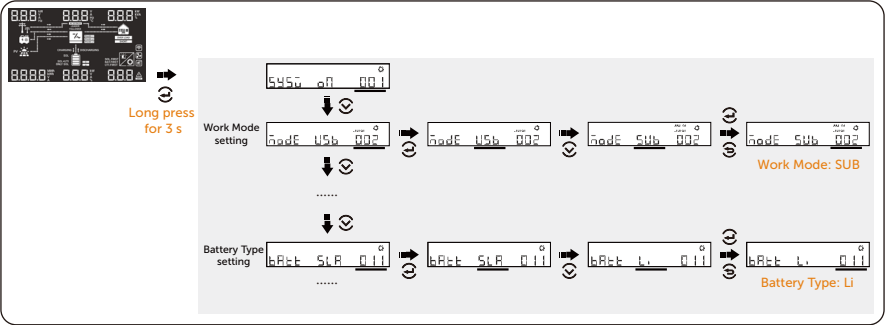


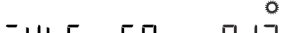
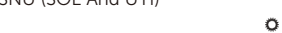
Figure 7-1 LCD operation flowchart

NOTICE!

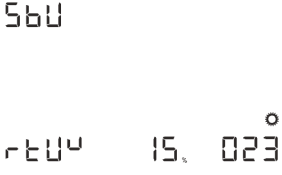
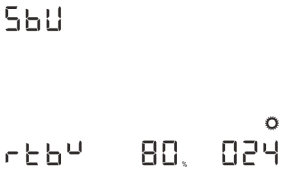
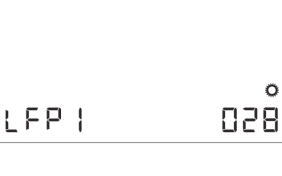
- When powering on for the first time, program 002 (Work Mode) and program 011 (Battery Type) must be set. For other settings, please configure them according to your actual needs.
- If **Battery Type** is set to **SLA** (lead-acid battery), you need to set **BAT Rated Capacity**; If **Battery Type** is set to **Li**, **BAT Rated Capacity** will default to 200 Ah, there is no need to set it again.

Program	Description	Setting option	
001	System Switch ("SYSW")	System power on 5450 on 001	System power off 5450 off 001
002	Work Mode ("MODE")	USB (default) Mode USB 002 (Priority: Utility > Solar > Battery) - Utility will supply power to the loads as first priority. - Solar and battery will supply power to the loads only when utility is not available.	
		SUB Mode SUB 002 (Priority: Solar > Utility > Battery) - Solar will supply power to the loads as first priority. - If solar is not sufficient to supply power to all connected loads, solar and utility will supply power to loads at the same time. - Battery will supply power to the loads only when solar is not sufficient and there is no utility.	
		SBU Mode SBU 002 (Priority: Solar > Battery > Utility) - Solar will supply power to the loads as first priority. - If solar is not sufficient to supply power to all connected loads, battery will supply power to the loads at the same time. - Utility will supply power to the loads only when battery voltage drops to either low-level warning voltage.	
003	Load First EN ("LODF"): Only effective in the "SBU" mode	Disable LODF d.s 003	If selected, the load first function will be turned off.
		Enable LODF EN 003	If selected, the load first function will be turned on.
004	Clear Overload Fault ("CLRf")	Enable CLRf EN 004	If selected, the device will actively clear faults related to EPS overload.

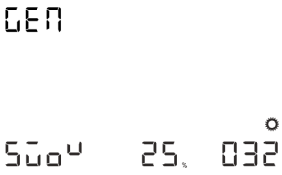
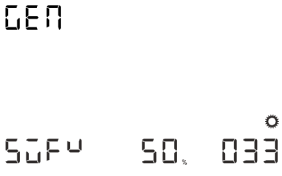
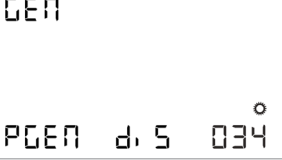
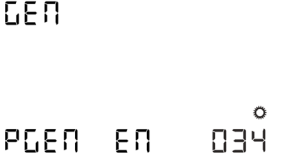
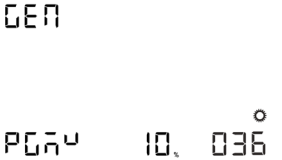
Program	Description	Setting option	
005	EPS Output Frequency ("OUTF")	50Hz oUeF 50 005	60Hz oUeF 60 005
006	Beep EN ("BEEP")	Disable bEEP d, 5 006	If selected, turn off the buzzer function.
		Enable bEEP eN 006	If selected, turn on the buzzer function.
007	Parallel Role ("PRLL")	Single P-rLL S, 0 007	The inverter runs in single-machine mode.
		Leader P-rLL lEA 007	To set up a parallel system, one inverter needs to be set as the leader unit.
008	Smart Load ("LOAD")	NON LoAd nOn 008	Disable the smart load or generator.
		LOD LoAd LoD 008	Enable the smart load function. The device can be connected to a smart load for use.
		GEN LoAd GeN 008	Enable the generator function. The device can be connected to a generator for use.
009	Gen Connect Mode ("GEN" "CNMO")	Disable GeN	Disable the generator function.
		CnMo d, 5 009	
		GEN GeN	The generator can be connected to GEN port.
		CnMo GeN 009	
		UTI GeN	The generator can be connected to grid port.
		CnMo Ut, 009	

Program	Description	Setting option	
010	Bypass Relay Control EN ("BYP")	Disable 	If selected, the bypass relay will not automatically switch the power supply.
		Enable 	If selected, the bypass relay will automatically switch the power supply.
011	Battery Type ("BATT")	SLA (default) 	Lead-acid battery
		Li 	Lithium battery
		NON 	No battery
012	Mute Mode ("MUTE")	Disable 	If selected, the mute mode will turn off.
		Enable 	If selected, the mute mode is enabled and the fan will operate in a lower-noise mode.
013	Charge Source ("CHGS")	OSO (Only SOL) 	Only PV charging
		CSO (SOL Then Grid) 	Prioritize PV charging and then utility
		SNU (SOL And UTI) 	PV and utility charging simultaneously
014	Active Battery ("ATIB")	OFF 	Turn off the battery activation
		ON 	Turn on the battery activation

Program	Description	Setting option	
015	BAT Rated Capacity ("CAP"): only can be set when program "011" is set to "SLA"	CAP 200 AH 015	Range: 0–9999 Ah Default value: 200 Ah
016	Charge Max Current ("CHGI")	CHGI 40 A 016	Range: 0–120 A Default value: 40 A
017	Discharge Max Current ("DCGI")	DCGI 120 A 017	Range: 0–140A Default value: 120 A
018	AC Charge Max Current ("ACGI"): only can be set when program "011" is set to "SLA"	ACGI 40 A 018	Range: 0–120 A Default value: 40 A
019	Bat Float Voltage ("FLT"): only can be set when program "011" is set to "SLA"	FLT 53.6 V 019	Range: 49.0–57.6 V Default value: 53.6 V
020	BAT Charge/Discharge Power ("BATP")	CHARGING BATP 1.0 kW 020	Range: -6.0–6.0 kW Default value: 1.0 kW (Negative value indicates discharging; positive value indicates charging.)
021	BAT Charge Cut Off VOL/SoC ("CCOV")	CCOV 100 % 021	- For the lead-acid battery: voltage range: 49.0–57.6 V, default value: 57.6 V - For the lithium battery: SoC range: 80–100%, default value: 100% Note: When the battery voltage or SoC charges to this value, the charging will be stopped.
022	BAT Discharge Cut Off VOL/ SoC ("DCOV")	DCOV 10 % 022	- For the lead-acid battery: voltage range: 35.0–47.0 V, default value: 40.0 V - For the lithium battery: SoC range: 5–100%, default value: 10% Note: When the battery voltage or SoC discharges to this value, the discharge will stop.

Program	Description	Setting option	
023	Return to Utility VOL/SoC ("SBU" "RTUV"): only can be set when program "002" is set to "SBU"		- For the lead-acid battery: voltage range: 40.0–57.6 V, default value: 42.0 V - For the lithium battery: SoC range: 10–100%, default value: 15% Note: In SBU mode, when the battery voltage or SoC discharges to this value, the system switches from battery power supply to grid power supply.
024	Return to Bat VOL/SoC ("SBU" "RTBV"): only can be set when program "002" is set to "SBU"		- For the lead-acid battery: voltage range: 40.0–57.6 V, default value: 55.0 V - For the lithium battery: SoC range: 50–100%, default value: 80% Note: In SBU mode, when the battery voltage or SoC charges to this value, the system switches from grid power supply to battery power supply.
025	Utility High Vol Protect1 ("UTI" "HVP1")		Range: 240–280 V Default value: 265 V
026	Utility Low Vol Protect1 ("UTI" "LVP1")		Range: 90–210 V Default value: 180 V
027	Utility High Freq Protect1 ("UTI" "HFP1")		Range: 40.0–70.0 Hz Default value: 55.0 Hz
028	Utility Low Freq Protect1 ("UTI" "LFP1")		Range: 40.0–70.0 Hz Default value: 45.0 Hz

Program	Description	Setting option	
029	GEN Start Mode ("GEN" "STMO"): only can be set when program "034" is set to "DIS"	BAT GEN StMo bat 029 ^o	The generator starts based on battery voltage/SoC. It is used in conjunction with program "032" and "033".
		IMD GEN StMo , md 029 ^o	The generator starts immediately.
		MAN GEN StMo hAN 029 ^o	The generator is started manually.
030	GEN Charge Enable ("GEN" "CHEN"): only can be set when program "034" is set to "DIS"	Disable GEN CHEN d, S 030 ^o	Disable the generator charging function.
		Enable GEN CHEN EN 030 ^o	Enable the generator charging function.
031	GEN Max Power ("GEN" "MAPW"): only can be set when program "034" is set to "DIS"	GEN hAPW 6.0 ^{kW} 031 ^o	Range: 0.0–60.0 kW Default value: 6.0 kW

Program	Description	Setting option	
032	GEN Switch on VOL/SoC ("GEN" "SWOV"): only can be set when program "034" is set to "DIS"		- For the lead-acid battery: voltage range: 40.0–57.6 V, default value: 42.0 V - For the lithium battery: SoC range: 20–100%, default value: 20% Note: When the battery voltage or SoC discharges to this value, the generator is started. It is used in conjunction with program "029".
033	GEN Switch off VOL/SoC ("GEN" "SWFV"): only can be set when program "034" is set to "DIS"		- For the lead-acid battery: voltage range: 40.0–57.6 V, default value: 53.0 V - For the lithium battery: SoC range: 20–100%, default value: 90% Note: When the battery voltage or SoC charges to this value, the generator is stopped. It is used in conjunction with program "029".
034	Public GEN Enable {"GEN" "PGEN"}	Disable 	If selected, turn off the public generator.
		Enable 	If selected, turn on the public generator.
035	Public GEN Input Power {"GEN" "PGPW"} only can be set when program "034" is set to "EN"		Range: 0.5–60.0 kW Default value: 0.5 kW
036	Public GEN Min Discharge VOL/ SOC {"GEN" "PGMV"} only can be set when program "034" is set to "EN"		- For the lead-acid battery: voltage range: 46.0–52.0 V, default value: 46.0 V - For the lithium battery: SoC range: 10–100%, default value: 10%

Program	Description	Setting option	
037	Smart Load On Grid Always On ("LOD" "OGAN"): only can be set when program "008" is set to "LOD"	Disable Lod	- When on-grid, the smart load operates according to the settings of program "039", "040". - When off-grid, the smart load operates according to the settings of program "038", "039", "040".
		Enable Lod	- When on-grid, the smart load remains on, and the settings of program "039" and "040" do not take effect. - When off-grid, the smart load operates according to the settings of program "038", "039", "040".
038	Smart Load Off Grid Immediately Off ("LOD" "FGIF"): only can be set when program "008" is set to "LOD"	Disable Lod	- When on-grid, the smart load operates according to the settings of program "037", "039", "040". - When off-grid, the smart load operates according to the settings of program "039", "040".
		Enable Lod	- When off-grid, the smart load remains off, and the settings of program "039" and "040" do not take effect. - When on-grid, the smart load operates according to the settings of program "037", "039", "040".
039	Smart Load Switch on VOL/ SoC ("LOD" "SWOV"): only can be set when program "008" is set to "LOD"	Lod	- For the lead-acid battery: voltage range: 48.0–53.0 V, default value: 51.0 V - For the lithium battery: SoC range: 30–85%, default value: 40% Note: When the battery voltage or SoC charges to this value, the smart load will be turned on.
040	Smart Load Switch off VOL/ SoC ("LOD" "SWFV"): only can be set when program "008" is set to "LOD"	Lod	- For the lead-acid battery: voltage range: 42.0–52.0 V, default value: 56.0 V - For the lithium battery: SoC range: 15–80%, default value: 15% Note: When the battery voltage or SoC discharges to this value, the smart load will be turned off.

Program	Description	Setting option	
041	Year	2025 041	Range: 2000–2099
042	Month ("MON")	11 042	Range: 1–12
043	Day ("DAY")	07 043	Range: 1–31
044	Hour ("HOURL")	09 044	Range: 0–23
045	Minute ("MIN")	56 045	Range: 0–59
046	Second ("SEC")	18 046	Range: 0–59
047	Reset to Factory ("REST")	REST 047	"YES": reset the device configuration parameters to factory defaults. "NO": exit.

7.4 Troubleshooting

This section lists the possible problems with the inverter, and provides information and procedures for identifying and resolving them. In case of any errors, check the warnings or error messages on the system control panel or App, and then refer to the suggestions below. For further assistance, contact SolaX Customer Service. Please provide the model and SN of the inverter, and be prepared to describe the system installation details.

Table 7-5 Troubleshooting list of inverter

Fault Code	Fault	Diagnosis and Solutions
101	HW Protect	- If it occurs occasionally, it might be caused by a sudden environment change. Please try restarting the device. - If the fault persists after the above operations, please contact your installer.
105	PV Overvoltage	- Reduce the number of components on the string appropriately. - If the fault persists after the above operations, please contact your installer.

Fault Code	Fault	Diagnosis and Solutions
106	Internal Voltage Protect	• If it occurs occasionally, it might be caused by a sudden environment change. Please try restarting the device. • If the fault persists after the above operations, please contact your installer.
107	Battery Overvoltage	• Check whether the battery specifications and quantities meet the equipment requirements. • Power off and restart the system. • If the fault persists after the above operations, please contact your installer.
112	Over Current Protect	• Confirm whether the load power is within the range. • Power off and restart the system. • If the fault persists after the above operations, please contact your installer.
115	Temperature Protect	• Confirm whether the external ambient temperature is too high. • Check whether the fan is blocked and whether the filter cotton is too dusty. • If the fault persists after the above operations, please contact your installer.
118	BatLow	• Check if the battery power is too low. If is, please perform strong charging to replenish it. • If the fault persists after the above operations, please contact your installer.
119	Parallel Abnormal	• Check whether the parallel wiring is normal. • Check whether the parallel setting is normal. • Power off and restart the system. • If the fault persists after the above operations, please contact your installer.
124	Fan Abnormality	• Check whether the fan connection is normal. • Try replacing the fan. • If the fault persists after the above operations, please contact your installer.
127	VerUnmatch	• Version mismatch or upgrade failure. Please upgrade again. • If the fault persists after the above operations, please contact your installer.
129	PVConnDir	• Check if the PV input is connected in reverse. If is, please wire it in the correct way. • Power off and restart the system. • If the fault persists after the above operations, please contact your installer.
130	Grid Relay Abnormality	• Power off and restart the system. • If the fault persists after the above operations, please contact your installer.

Fault Code	Fault	Diagnosis and Solutions
131	EpsOverLoad	- Reduce the load, and confirm that the load power is within the maximum output power range of the inverter. - If the fault persists after the above operations, please contact your installer.
135	Device Fault	- Power off and restart the system. - If the fault persists after the above operations, please contact your installer.
138	Soft Start Fault	- Power off and restart the system. - If the fault persists after the above operations, please contact your installer.
139	Breaker Abnormality	- Power off and restart the system. - If the fault persists after the above operations, please contact your installer.
142	Generator Status	- Check whether the grid has been restored. If the grid has been restored, turn off the generator to achieve on-grid operation. - Reduce the load power to within the range. - Check whether the actual port of the public generator is consistent with the set connection port. - Power off and restart the system. - If the fault persists after the above operations, please contact your installer.

NOTICE!

- **Phenomenon:** Mains exists but the unit works in off-grid mode.
- **What to do:**
 1. Check whether the AC input voltage range is correct;
 2. Check whether the overload protector (AC INPUT BREAKER) is disconnected.

7.5 Maintenance

Regular maintenance is required for the inverter. Please check and maintain the following items based on the below instructions to ensure the optimal performance of the inverter. For inverters working in inferior conditions, more frequent maintenance is required. Please keep maintenance records.

WARNING!

- Only qualified person can perform the maintenance for the inverter.
- Only spare parts and accessories authorized by SolaX can be used.

7.5.1 Maintenance Routines

Table 7-6 Proposal of maintenance

Fault Code	Fault	Diagnosis and Solutions
Fans	• Check whether the fan makes noise or is covered by dust. • Clean the fan with a soft and dry cloth or brush, or use an air gun to blow away the dust.	Every 12 months
Installation and electrical connection	• Tighten the screws with the specified torque using tools. • Ensure that all cables are firmly connected. • Check the integrity of the cables, ensuring that there are no scratches on the parts touching the metallic surface. • Verify that the sealing caps or dustproof buckles on idle terminals and ports are not falling off.	Every 12 months
Grounding reliability	• Check whether the grounding cables are firmly connected to the grounding point. Use a ground resistance tester to test the grounding resistance from the inverter enclosure to the PE bar in the power distribution box.	Every 12 months
Heat sink	• Check whether there are foreign objects in the heat sink.	Every 12 months
General status of inverter	• Check whether there is any damage on the inverter. • Check whether there is any abnormal sound when the inverter is running.	Every 6 months

Maintenance of filter cotton

NOTICE!

- The maintenance of filter cotton should be carried out every 3 to 6 months.

- Step 1:** Unscrew the five screws on the filter baffle.
- Step 2:** Remove the filter baffle and take out the filter cotton.
- Step 3:** Wash the filter cotton with clean water and let it dry.
- Step 4:** Reinstall the filter cotton and the filter baffle in sequence, and tighten them with five screws.

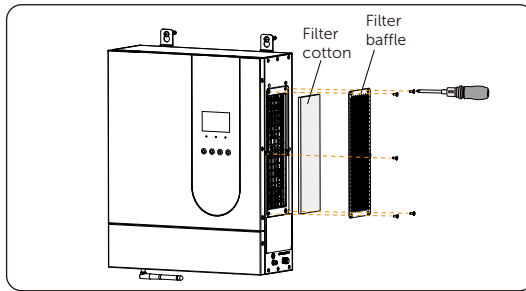


Figure 7-2 Removing the filter baffle

7.5.2 Upgrading Firmware

⚠ WARNING!

- Make sure that the type and format of the firmware file are correct. Do not modify the file name. Otherwise, the inverter might not work properly.
- Do not modify the folder name and file path where the firmware files are located, as this might result in upgrade failure.

⚠ WARNING!

- Before upgrading the DSP, ensure that the internal communication is normal.
- Before upgrading the BMS, ensure that the PV input voltage is higher than 150 V or the grid voltage is higher than 110 V, and the BMS communication is normal.

Upgrade preparation

- Check for the current firmware version of the inverter.
- Contact our service support for the update firmware file.
 - » For ARM file: XXX.XXXXX.XXXX_OG648_ARM_VXXX.XX_XXXX.bin
 - » For DSP file: XXX.XXXXX.XXXX_OG648_DSP_VXXX.XX_XXXX.bin
 - » For all file: XXX.XXXXX.XXXX_OG648_ALL_VXXX.XX_XXXX.bin

Upgrade steps

- Prepare the firmware file.
- Select the file type on the App or webpage.
- Click **Upgrade**.

Troubleshooting for upgrade fault

- If the ARM firmware upgrade fails, turn off the inverter and restart.
- If the DSP firmware upgrade fails, turn off the inverter and restart. If there is no recovery after restarting, please upgrade again.

8 Operation on SolaXCloud App

8.1 Downloading and Installing App

Method 1: Scan the QR code below to download the App.



Figure 8-1 QR code

Method 2: Search for **SolaXCloud** in App Store or Google Play, and then download.

8.2 Operation on the SolaXCloud App

NOTICE!

- The screen shots in this chapter correspond to the SolaXCloud App V6.15.0, which might change with version update and should be subject to the actual situations.

Log in

Step 1: Enter the username and password, and click **Log in**.

Step 2: Choose the **Residential** identity.

Hangzhou test environment > More >

Welcome!

User/Email/Phone

Password

☒ Remember Me [Forgot Password?](#)

Log in

☐ Log in means that you have read, understood and agreed to the [Privacy Policy](#) and [Terms of Use](#)

Don't have an account? [Sign Up](#)

<

Please choose your identity

☒ Residential

☐ Commercial & Industrial

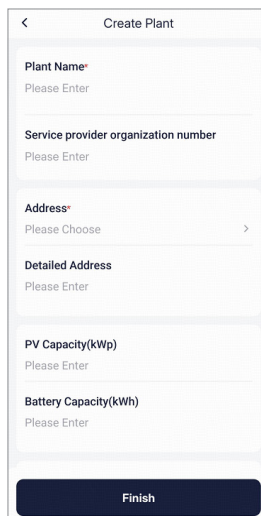
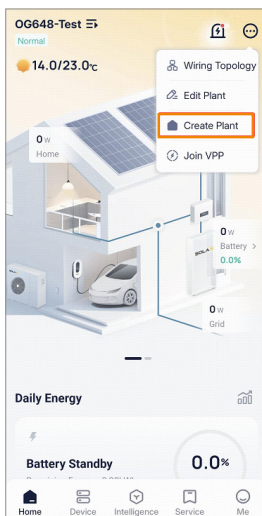
Supported product series: X3-AELIO, X3-TRENE, X3-FORTH, X3-FORTH Plus, X3-MEGA G2, X3-GRAND HV, X3-PRO G2

Confirm

Create plant

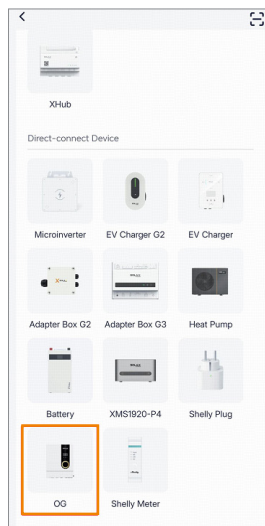
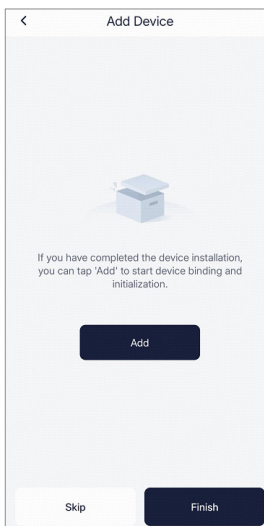
Step 1: Enter the **Home** page, select **Create Plant** in the upper right.

Step 2: Enter the **Plant Name** and choose the **Address**, and click **Finish**.

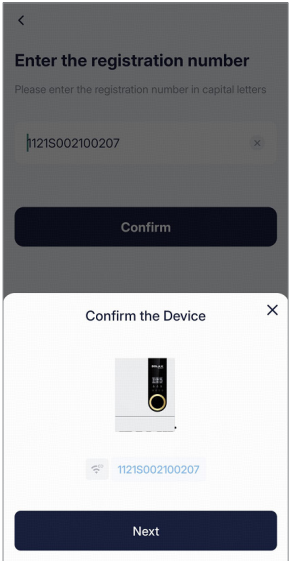


Add device

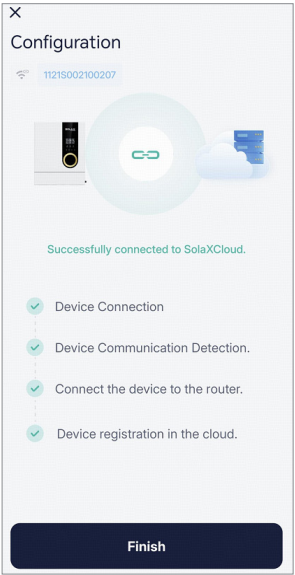
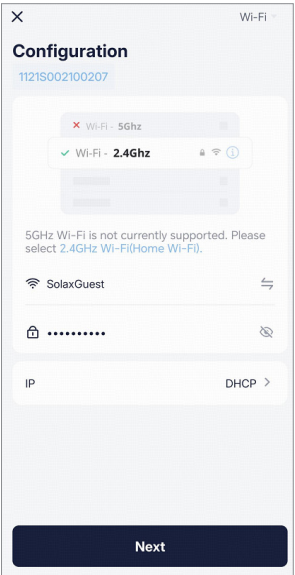
Step 1: Tap **Add** and choose **OG** device.



Step 2: Scan the QR code on the right side of the device to obtain the SN number. After scanning the device, click **Next**.

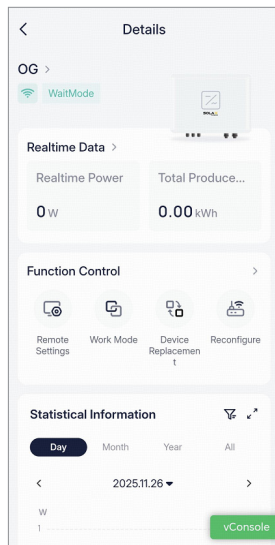
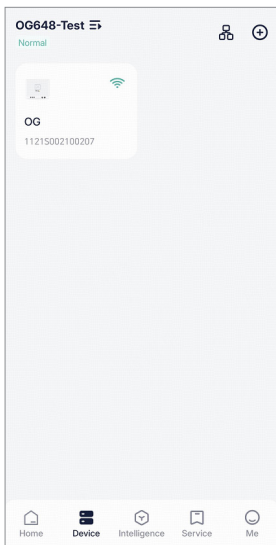


Step 3: Configure the available Wi-Fi network for your device, and click **Next**. Wait for the distribution network to be completed.

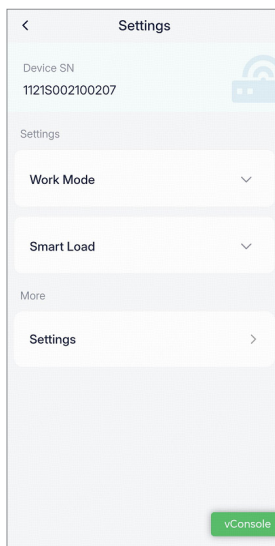
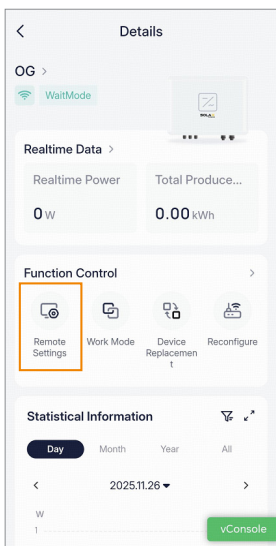


Remote setting

Step 1: Enter the **Device** page, click on the added device, and enter the device **Details** page.



Step 2: Click **Remote Settings** to enter the Settings page. You can complete the settings for the working mode and smart grid.



9 Technical Data

- PV INPUT

Model	OG548	OG648
Max. recommended PV array power [kWp]	6	7.2
Max. PV input voltage ^① [d.c. V]	450	
Rated PV input voltage [d.c. V]	360	
Operating voltage range [d.c. V]	90–450	
Start-up voltage [d.c. V]	95	
No. of MPP trackers/strings per MPP tracker	1/1	
Max. input current per MPPT [d.c. A]	20	28

① The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter.

- AC INPUT

Model	OG548	OG648
Max. input apparent power [kVA]	9.2	
Max. input current [a.c. A]	40	
Rated AC input voltage [a.c. V]	230	
AC input voltage range [a.c. V]	90–280	
Rated AC input frequency [Hz]	50/60	
Switchover time	< 4ms (typical)	

- BATTERY

Model	OG548	OG648
Battery type	Lithium/Lead-acid	
Rated battery voltage [d.c. V]	48	
Battery voltage range [d.c. V]	40–60	
Max. charge/discharge current [d.c. A]	100/120	120/140

AC OUTPUT

Model	OG548	OG648
Rated output power [kW]	5	6
Rated output current [a.c. A]	21.8	26.1
Max. output apparent power [kVA]	5	6
Max. output continuous current [a.c. A]	21.8	26.1
Peak output power	10 kW 2 times of rated power, 5s	12 kW 2 times of rated power, 5s
Rated AC output voltage [a.c. V]	230	
Rated AC output frequency [Hz]	50/60	

EFFICIENCY

Model	OG548	OG648
Max. efficiency	96.5%	

ENVIRONMENT LIMIT

Model	OG548	OG648
Ingress protection	IP20	
Operating temperature range	-10 to 55°C	
Max. operating altitude	3000 m	
Relative humidity	5–90%RH (non-condensing)	
Overvoltage category	Mains: III , Battery: II , PV: II	

GENERAL

Model	OG548	OG648
Dimensions (W x H x D)	320 x 395 x 115 mm	
Net weight	9.6 kg	
Cooling concept	Smart air cooling	
Communication interfaces	CAN, WiFi, RS485	
Display	LCD	
Topology	Non-isolated	
Certifications	CE	

10 Appendix

Installation video

A QR code for the installation video is on the front of the inverter. Simply scan it with your phone (iOS or Android) to watch the video.



Figure 10-1 Scanning to view the installation video



SolaX Power Network Technology (Zhejiang) Co., Ltd.

ADD.: No. 278, Shizhu Road, Chengnan Sub district, Tonglu County,
Hangzhou, Zhejiang, China
E-mail: info@solaxpower.com