

1 Safety



- Never cause AC output and DC input short circuited. Do not connect to the mains when DC input short circuits.
- Never charge a frozen battery.



- Do not disassemble the inverter. If you need maintenance or repair, take it to a professional service center.
- Improper reassembly may result in electric shock or fire.
- To reduce risk of electric shock, disconnect all wires before attempting any maintenance or cleaning. Turning off the unit will not reduce this risk.
- Grounding instructions - this inverter should be connected to a permanent grounded wiring system. Be sure to comply with local requirements and regulation to install this inverter.
- 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.
- 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!

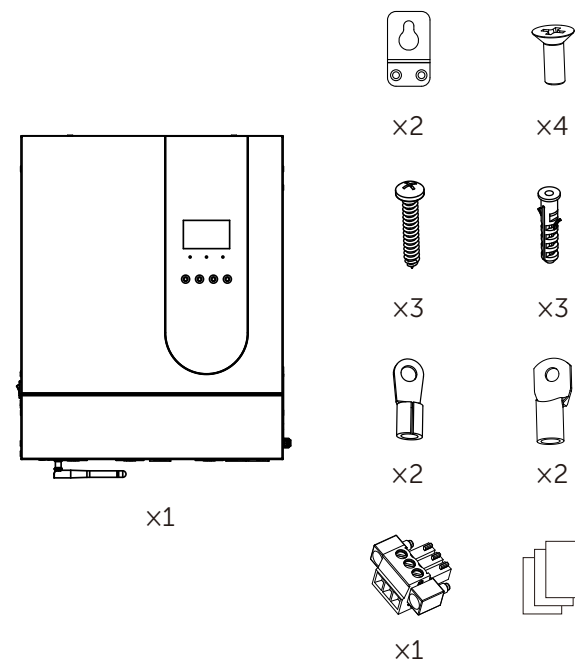


- Please strictly follow installation procedure when you want to disconnect AC or DC terminals.
- Only qualified personnel can install this device with battery.

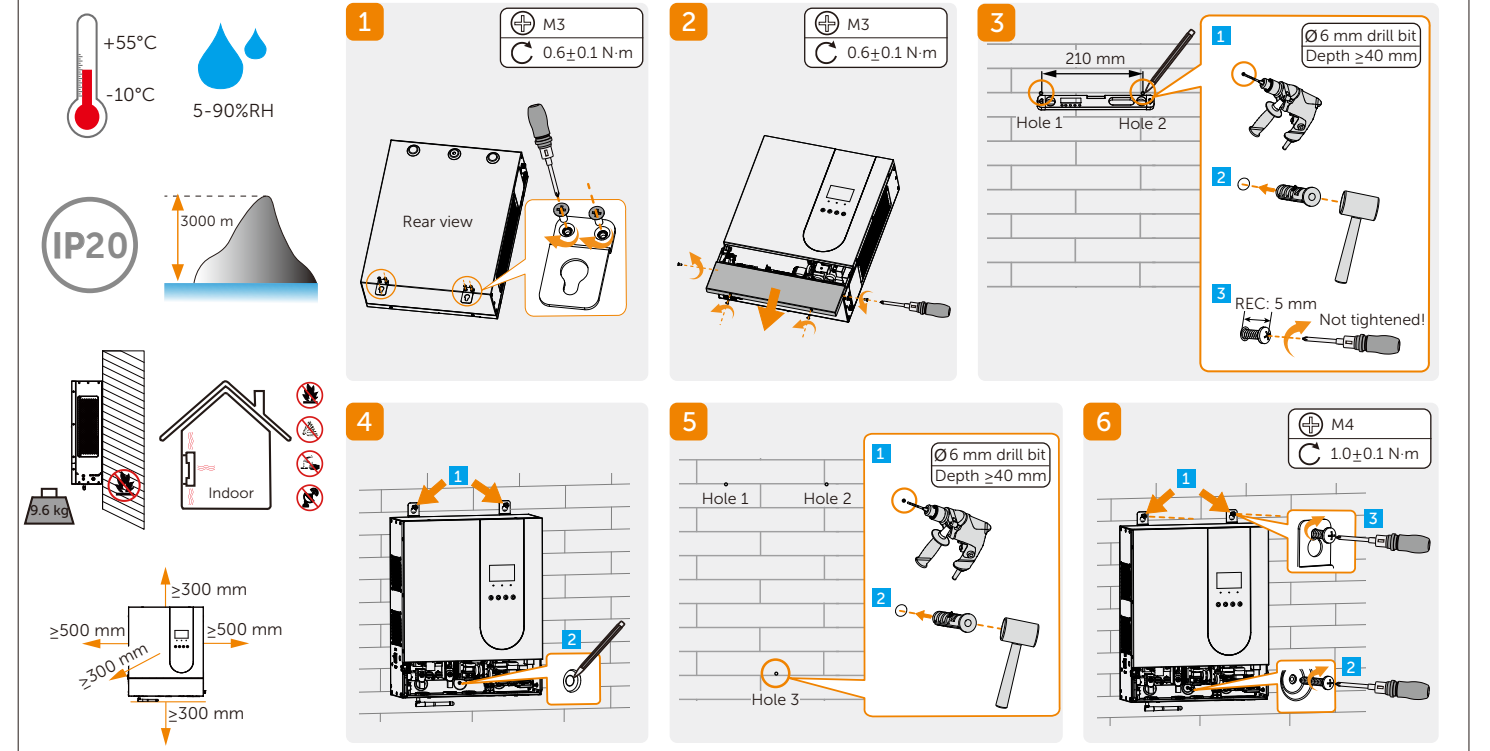


- For optimum operation of this inverter, please follow required specification to select appropriate cable size. It is very important to correctly operate this inverter.

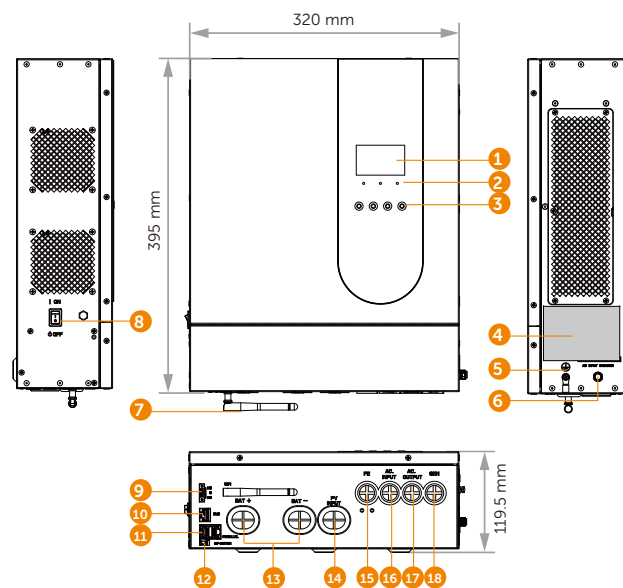
3 Packing List



4 Mechanical Installation

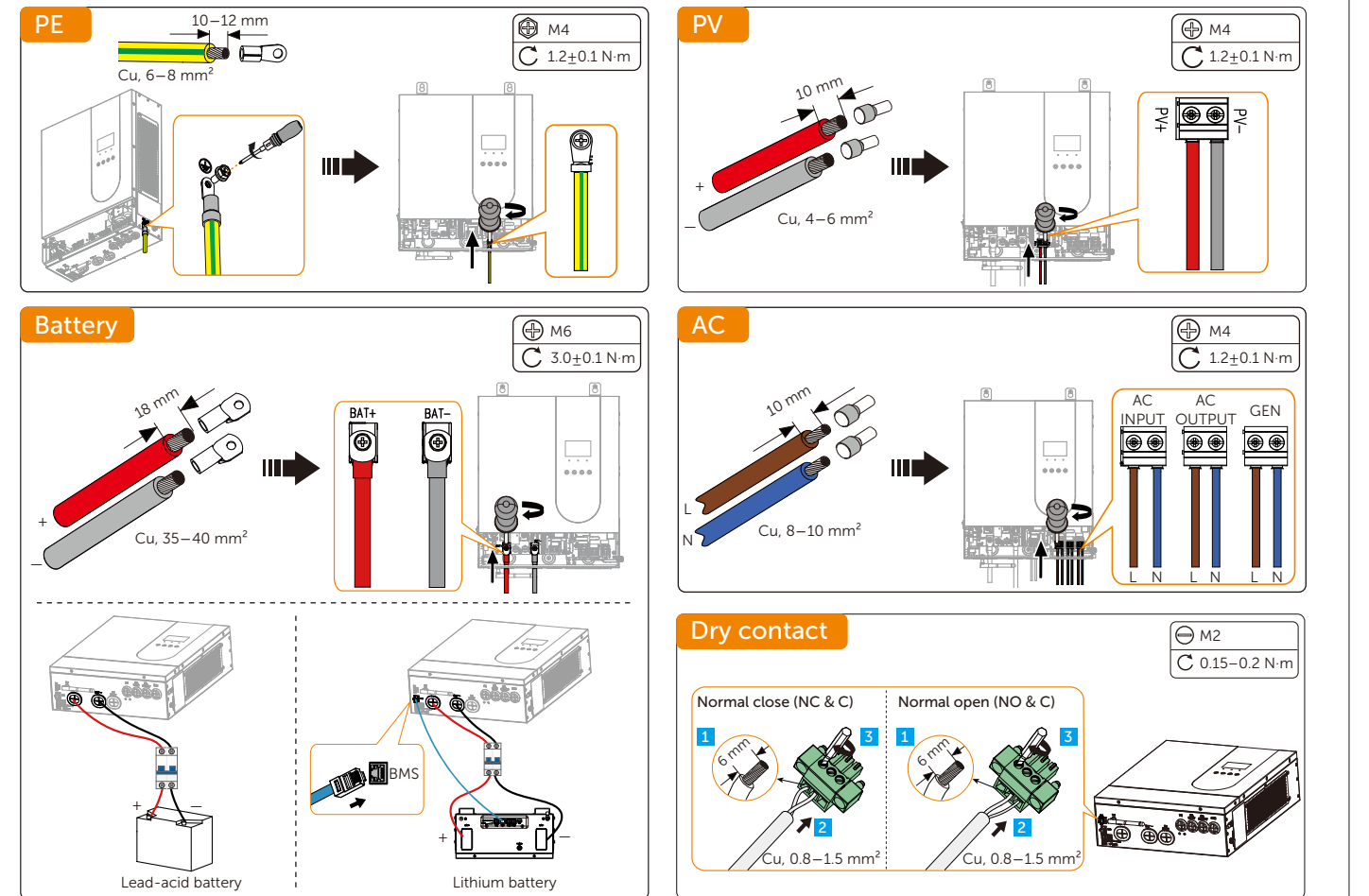
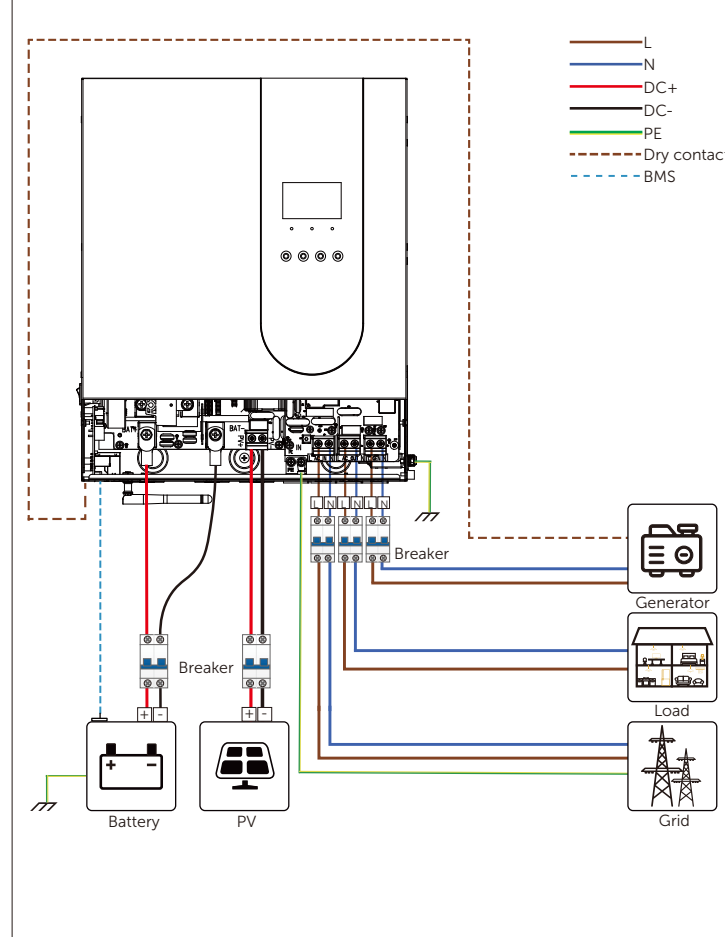


2 Overview



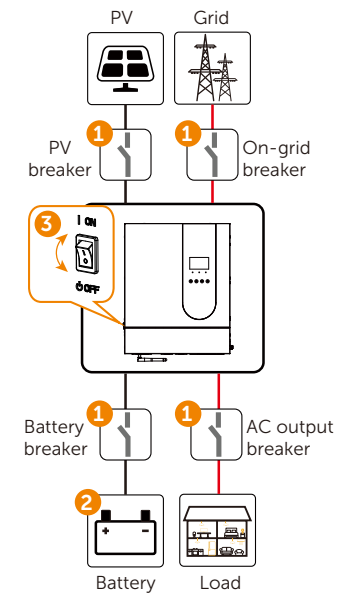
- | | |
|------------------------|------------------------------|
| 1: LCD display | 10: BMS connection port |
| 2: LED indicators | 11: Parallel connection port |
| 3: Function buttons | 12: DIP-switch |
| 4: Nameplate | 13: Battery connection port |
| 5: Grounding terminal | 14: PV INPUT port |
| 6: AC INPUT BREAKER | 15: PE port |
| 7: Wi-Fi antenna | 16: AC INPUT port |
| 8: Power on/off switch | 17: AC OUTPUT port |
| 9: Dry contact port | 18: Generator port |

5 Electrical Connection



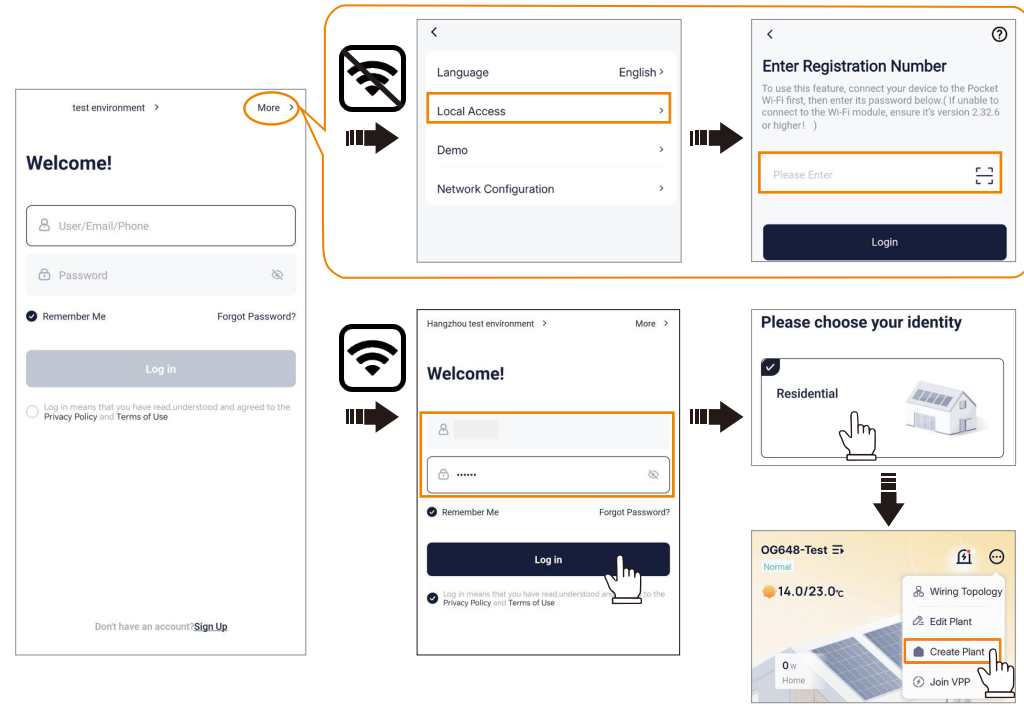
6 Power On/Off

Power on: ① -> ② -> ③
Power off: ③ -> ② -> ①

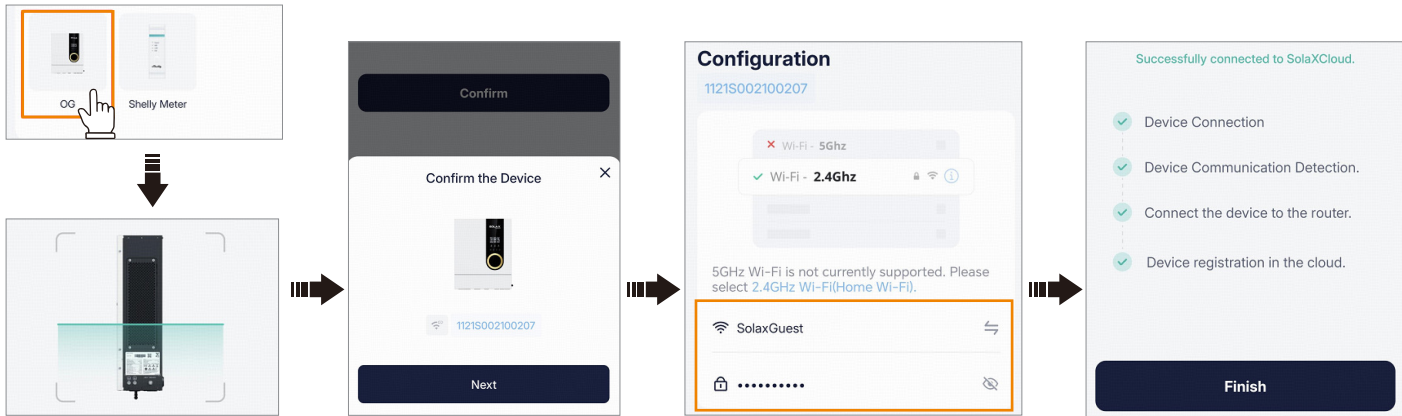


7 Operation on SolaXCloud App

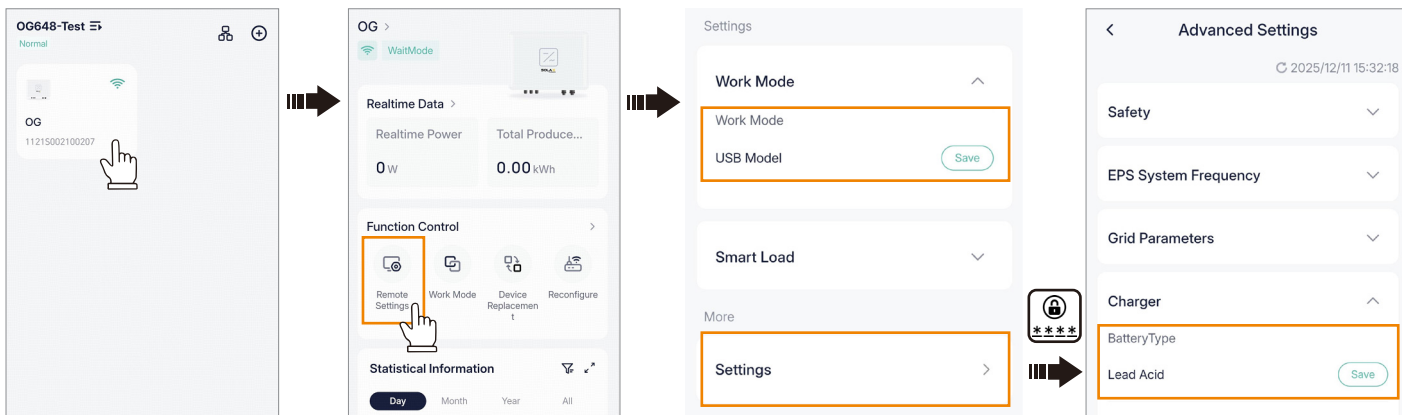
(1) Log in and create plant



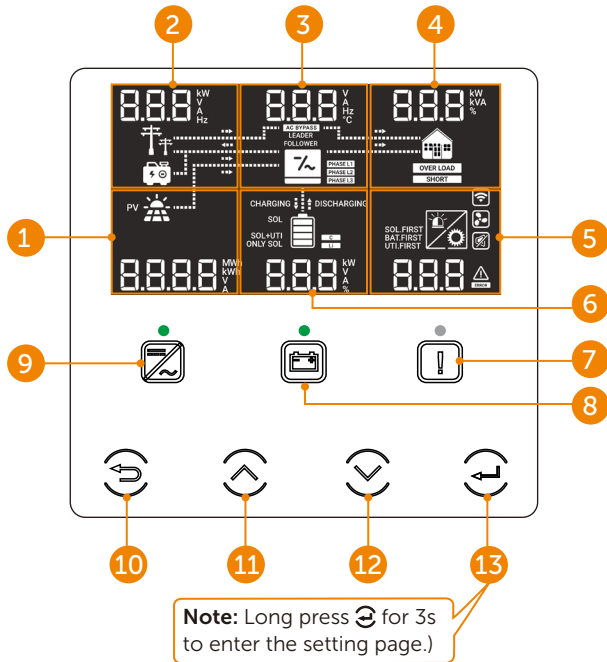
(2) Add device and network configuration



(3) Setting



8 LCD Panel



- | | |
|--------------------------|------------------------|
| 1: PV input information | 7: Error indicator |
| 2: AC input information | 8: Battery indicator |
| 3: AC output information | 9: Operating indicator |
| 4: Load information | 10: ESC key |
| 5: Others information | 11: Up key |
| 6: Battery information | 12: Down key |
| | 13: Enter key |

LED indicator	Correct status after power-on
	OFF

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

9 LCD Display Setting

All the settings on the LCD display can be completed in the App. (It is recommended to complete settings in the App.)
The following are only some of the LCD display settings. For more details, please scan the QR code to refer to *OG Series User Manual*.

Program	Description	Setting option
		USB (default, Priority: Utility > Solar > Battery)
002	Work Mode ("MODE")	• 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 (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 (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.
		Lead-acid battery
		Lithium battery
		No battery
011	Battery Type ("BATT")	

Warranty Registration

Please visit the website: <https://www.solaxcloud.com/user-center/> to complete the warranty registration. For more detailed warranty terms, please visit SolaX official website: www.solaxpower.com.

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