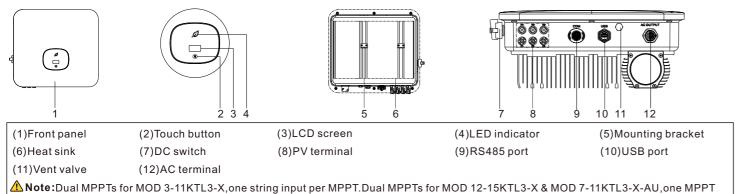


MOD 3-15KTL3-X Quick Guide



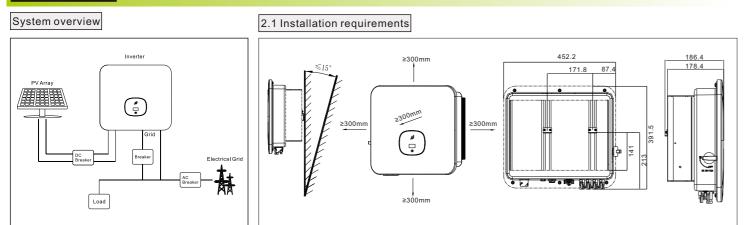
has one string, and other one has two strings

▲Note:

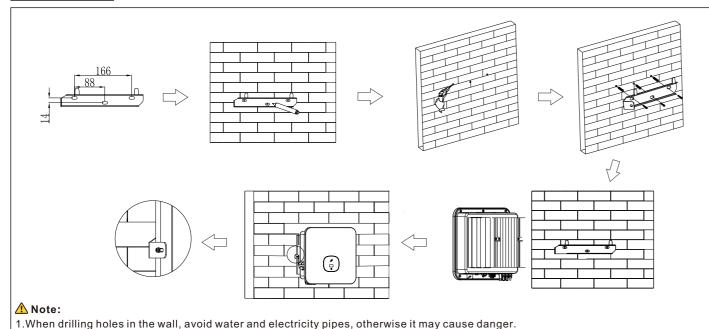
1. This document is for quick installation guidance only, please refer to User Manual for more details.

2. Growatt shall not be liable for any damage resulting from unproper installation.

2. Installation



2.2 Wall mounting

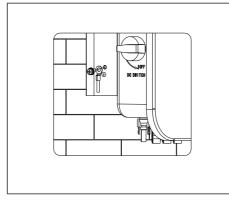


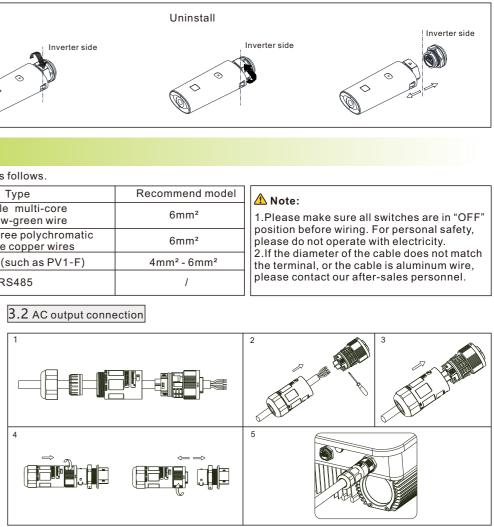
2.3 Communication module installation Install Inverter side **▲**Up Inverter side

3. Electrical connection

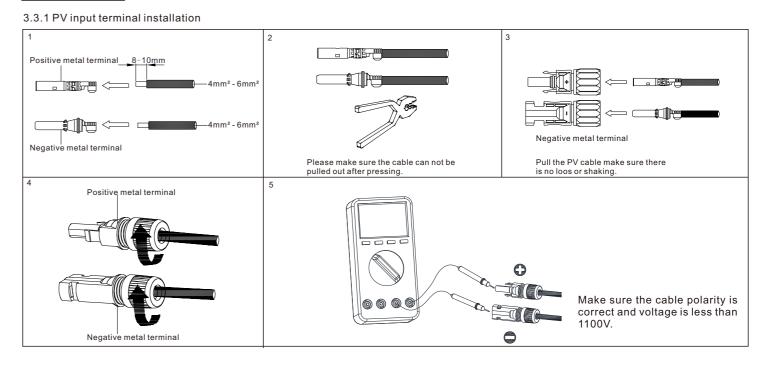
Please prepare the cable before connecting as follows.				
No.	Cable name	Туре	R	
1	Protective grounding wire	Single multi-core yellow-green wire		
2	AC output wire Two or three polychromatic multi-core copper wires			
3	PV input wire	PV wire (such as PV1-F)		
4	Communication wire	RS485		

3.1 Grounding

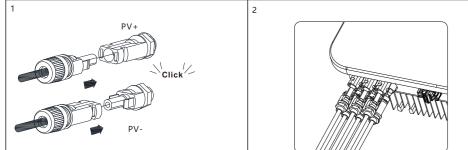




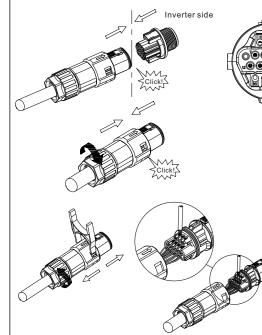
3.3 DC connection



3.3.2 Plug in PV terminal



3.3.3 Communication cable installation



	_				1	
			No.	Description	Remarks	
				+12V	Dry junction : external relay coil interface, power is not more than 2W	
7				СОМ		
			3	RS485A1	RS485 communication port	
		4	RS485B1			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		5	RS485A2	BAT communication		
	connect to RRCR			RS485B2	port(reserved)	
	RRCR Active			RS485A3	Meter communication	
No.	Description	Power	8	RS485B3	port	
9	9 K1-out 0%		9	DRM1/5	Relay contact 1 input	
10	K2-out	30%	10	DRM2/6	Relay contact 2 input	
11	K3-out	60%	11	DRM3/7	Relay contact 3 input	
12K4-out100%13Relays common node/		12	DRM4/8	Relay contact 4 input		
		13	REF/GEN	GND		
14	/ /		14	DRM0/COM	/	

Note:

and the machine.

pulling off.

1.Before installing the PV terminal, please

double-check that the PV input voltage and

2.When installing the PV terminal, pay

attention to the difference between the

positive and negative poles and the one-to-

one correspondence between the terminals

3. There is a "click" sound when the terminal is connected, please gently pulling the PV wire to make sure there is no loose or

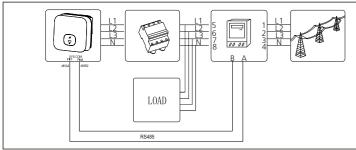
current do not exceed the MPPT limits.

⚠ Note:

When connecting the communication line, port 15 and 16 are not connected, as for the other function, please refer to the above table according to the customer needs.

4. Connecting Meter

The following table describes how we can connect EASTRON meter (TPM-E)to inverter:



Meter Pin NO.	Description	Meter Connection
1/2/3/4 L1/L2/L3/N-in		Grid L1/L2/L3/N
5/6/7/8	L1/L2/L3/ N-out	AC connector & Load L1/L2/L3/N
A RS485A		SYS COM Pin 7 RS485A2
В	RS485B	SYS COM Pin 8 RS485B2

5. Post-installation check

No.	Acceptance criteria	No.	Acceptance criteria
1	The inverter is installed correctly, firmly and reliably.	6	The RS485 communication cable is installed correctly and firmly.
2	The ground wire connected well and the connection is firm and reliable.	7	The cable tie port is trimmed well without leaving sharp corners,meets the requirements of the user.
3	All switches are in the OFF state.	8	All exposed terminals are well protected and there are no vacant ports.
4	All wiring is correct and securely connected.	9	Pay attention to clean up all construction residues.
5	The wiring of the cable is reasonable, meets the requirements, and there is no phenomenon of broken skin.		

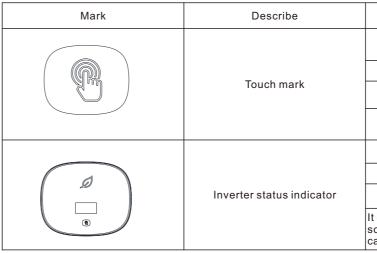
6. Power on and off steps

Note:

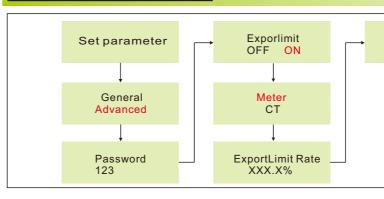
- Before turning the inverter on, please make sure the PV input voltage and current are within the MPPT limits. Follow the steps below to turn the inverter on:
- 1.Switch on the build-in DC isolator at the bottom of the inverter.
- 2. Switch on the PV Array and DC isolator next to your inverter, if you can not find this switch, skip this step.
- 3. Switch on the Solar AC isolator if the inverter is more than 3 meters away from your switchboard.
- 4. Switch on the solar supply main switch in the switch board. To shut down your system, follow this guide in reverse order.

7. Status of PV grid inverter

Customer can read more information by push button.



8. Export limitation setting



9. Service and contact

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Explain			
Single touch	Switch the display interface or the current number plus 1		
Double touch	Enter the setting state or confirm		
Triple touch	Return to the previous display interface		
Long press for 5s	The current data returns to the default value		
Red	Fault		
Green	Normal operation		
Red light flashing	Warning		
t can display the basic information of inverter through LCD display creen (PV/AC voltage,PV power,AC current,total power,generating			

capacity, etc.).

Set OK

If the local grid company requires to limit the output power from your inverter systems,we introduce the concept of Export Limit Rate. The ratio of your system output power divided by the rated power of the inverter is called Export Limited Rate.For example, if the local grid companyonly accepts 4kW from your 5kW system, then the Export Limit Rate of 5kW inverter should be 80%.



