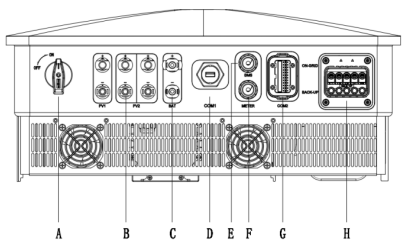


Quick installation manual 4-15K

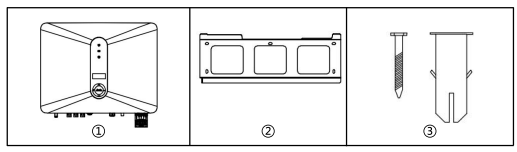
1. Product overview



Number	Description	Number	Description
A	DC switch	E	BMS communication port
B	PV connectors	F	METER Communication Port
C	Battery connectors	G	Communication interface module
D	WiFi collector port	H	AC Output Port (On-Grid&Back-Up)

2. Unpacking

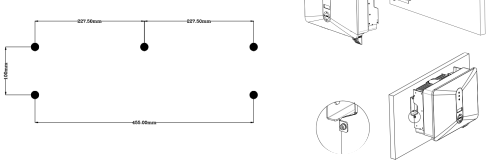
Check the integrity of the equipment and accessories. If you have any questions, please contact us.



Number	Quantity	Description
①	1	Austa inverter
②	1	Bracket
③	5	Expansion tubes& Expansion screws
④	2	Battery Connectors (1* positive, 1* negative)
⑤	6	12-15K PV Connectors (3* positive, 3* negative) 4-10K PV Connectors (2* positive, 2* negative)
⑥	6	12-15K PV Pin contact (3* positive, 3* negative) 4-10K PV Pin contact (2* positive, 2* negative)
⑦	2	MS Screw
⑧	1	Earth Terminal
⑨	1	Meter
⑩	1	WiFi module
⑪	1	Power connector
⑫	1/1	Meter adapter cable/Cable
⑬	1	User Manual
⑭	1/1	Quality Certificate/ Warranty card
⑮	1	Communication line end connector

3. Quick installation

① Mounting the Inverter



② External Ground Connection

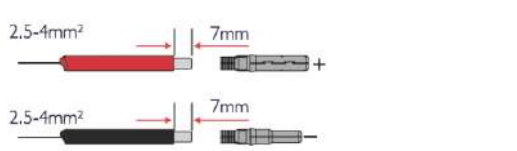
Earth cable PE suggestion: Cross-section (Copper) 4-6mm² / 10AWG



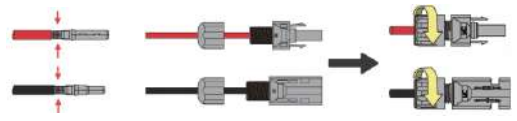
Fix the grounding screw to the grounding connection of the machine housing. Make sure the earth cables on the inverter and solar panel frame are separately.

③ PV Wiring Connection

1 Prepare 10 AWG PV cable and PV plugs .
2 Strip 7mm of the conductor with stripping Plier.

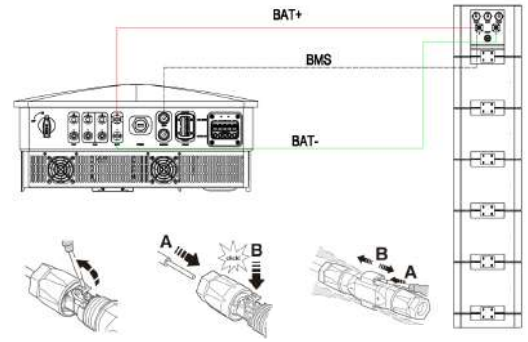


3 Insert the cable into the pin contacts and ensure that all wires are securely inserted.



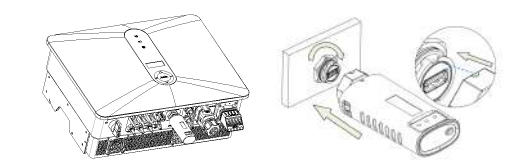
④ Battery Connection

① Prepare the tin-plated cables with a conductor cross section of 10 AWG
② Strip 15mm off the conductor.

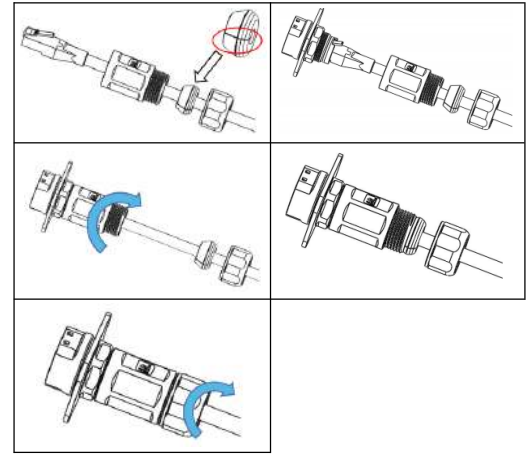


⑤ WIFI

Austa series hybrid inverter supports WIFI communication. Plug the WIFI module into the COM1 port in the bottom of inverter.



⑥ BMS/METER connector installation



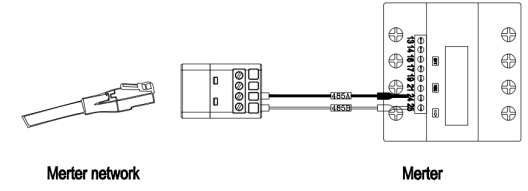
BMS PINS definition:

Pin	1	2	3	4	5	6	7	8
Function	485B	485A	NC	CANL	CANH	NC	NC	NC

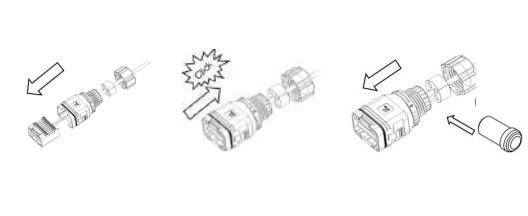
Meter port PINS definition:

Pin	1	2	3	4	5	6	7	8
Function	NC	NC	NC	NC	NC	NC	485B	485A

One end is connected to the electricity meter interface at the bottom of the inverter, and the other end is connected to the electricity meter 24 and 25 interfaces. 485A is connected to the 24 port, and 485B is connected to the 25port.



⑦ Standby communication line terminal connection

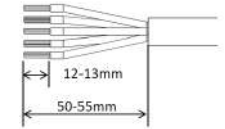


⑧ AC Output Connection

For AU4-15KETH are shown in the following:

Model	AU4KET	AU5KET	AU6KET	AU8KET	AU10KE	AU12KE	AU15KE
	H	H	H	H	TH	TH	TH
Cable (Cu)	4mm2	4mm2	4mm2	4mm2	4mm2	6mm2	6mm2

1) Dimension of stripping line



2) Wiring Precautions

