

Quick Installation Guide

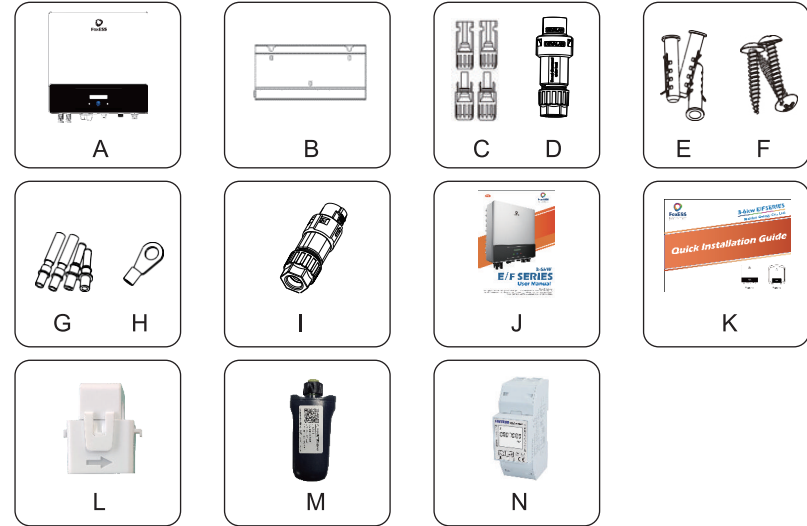


E series



F series

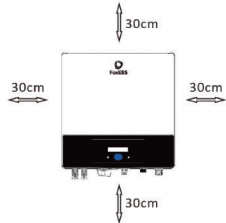
Packing List



Packing List

Object	Quantity	Description
A	1	FoxESS series inverter
B	1	Bracket
C	4	DC connector
D	1	AC connector
E	3	Expansion tube
F	3	Expansion screw
G	4	DC pin contact(2*positive, 2*negative)
H	1	Earth terminal
I	1	Communication connection
J	1	Product manual
K	1	Quick installation guide
L	1	CT(Optional)
M	1	WiFi / GPRS(Optional)
N	1	Meter(Optional)

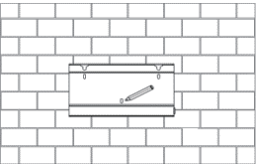
Inverter Installation



30cm
30cm
30cm

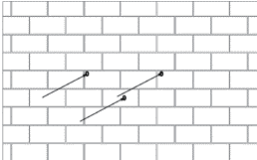
AC and DC isolators are not included in the clearance

Position	Min Size
Left	30mm
Right	30mm
Top	30mm
Bottom	30mm
Front	30mm



A

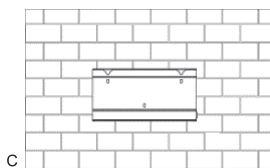
Use the wall bracket as a template to mark the position of the 3 holes on the wall.



B

Drill holes with driller, make sure the holes are deep enough (at least 50mm) for installation, and then tighten the expansion tubes.

Inverter Installation



Install the expansion tubes in the holes, and tighten them. Then install the wall bracket by using the expansion screws.



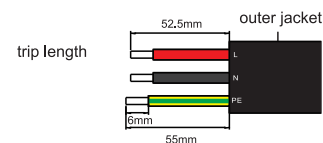
Hang the inverter over the bracket, move the inverter close to it, slightly lay down the inverter, and make sure the 2 mounting bars on the back are fixed well with the 2 grooves on the bracket.

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Grid Connection



Cable size: 10AWG

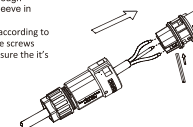


1. Uninstall the parts of the AC connection plug from the accessory bag.

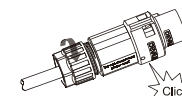


Pressure screw Seal ring and threaded sleeve Connection terminal

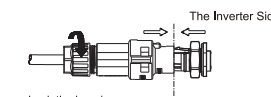
2. Insert the stripped and bared cable through pressure screw, seal ring, threaded sleeve in sequence. Insert cables into connection terminal according to polarities indicates on it and tighten the screws firmly. Please try out the wire to make sure the it's well connected.



3. Push the threaded sleeve into the socket. Tighten up the cap on the terminal

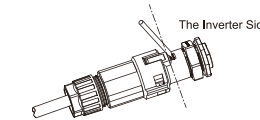


4. Finally, Push the threaded sleeve to connection terminal until both are locked tightly on the inverter



Lock the housing

5. To remove the AC connector, press the bayonet out of the slot with a small screwdriver and pull it out.



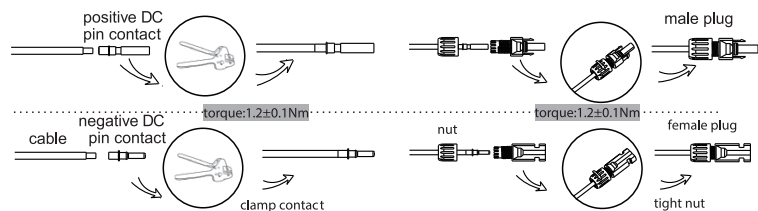
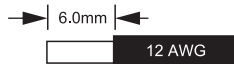
Unlock the housing

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PV String Connection

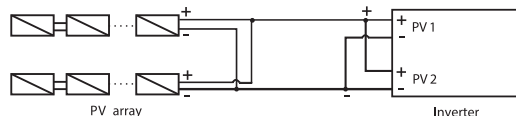


Cable size: 12AWG
trip length:



torque: 1.2±0.1Nm

torque: 1.2±0.1Nm



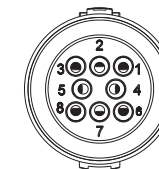
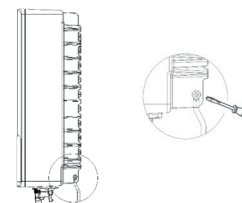
Note!
The PV connection mode as the diagram shown is **not allowed**

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Connection and startup



Screw the ground screw with allen wrench shown as follow.



PIN	1	2	3	4	5	6	7	8
Definition	CT+	CT-	METER 485-	METER 485+	GND	DRM0	NC	ESTOP

- Prepare the connector and the communication cable, following the PIN definition and assembly order below, then insert the cable into the corresponding communication connector of the inverter, and tighten the waterproof connector.

Run the inverter and startup

- After checking all connections are correct, turn on the external DC /AC breakers.
- Turn on the DC switch to the "ON" position.
- Inverter will start automatically when PV panels generate enough energy. The LED will be green and the LCD screen will display the main interface.

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