



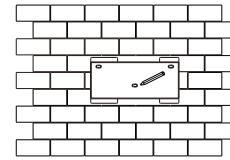
Quick Installation Guide

X1 Series 3.0KW-5.0KW

II

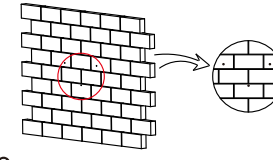
Inverter Installation

- Mark the position of three holes



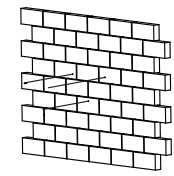
1

- Drill holes with $\phi 6$ drill.
- Depth: at least 50mm.



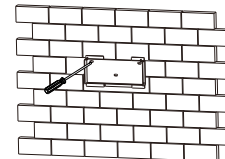
2

- Tighten the expansion tubes.



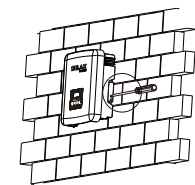
3

- Screw the expansion screws.

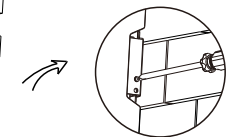


4

- Match the inverter with the bracket.
- Screw the cross recessed screw on the right side.



5

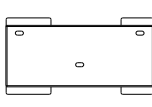


I

Packing List



X1 Series X1



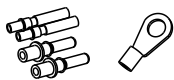
Bracket X1



Male DC connector X 2
Female DC connector X 2
AC connector X 1



Screw package:
Expansion tube X 3
Expansion tube X 3



Positive DC pin contact X 2
Negative DC pin contact X 2
Earth terminal X 1



Waterproof connector with RJ45
X 1



User manual X 1



Quick installation guide X1



Warranty card X 1



Smart plug X 1 (Optional)



Pocket WiFi X 1 (Optional)



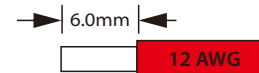
Meter X 1 (Optional)

Note:
Please refer to the appropriate instruction manual for the usage of optional accessories.

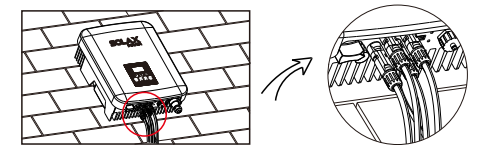
III

PV Connection

Cable size: 12 AWG
trip length:



-Align the four halves connectors.



positive DC
pin contact



negative DC
pin contact



clamp contact

female plug



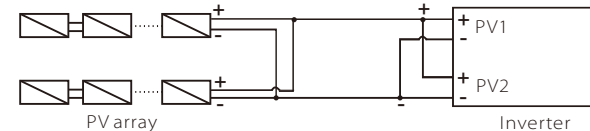
nut



male plug



tight nut

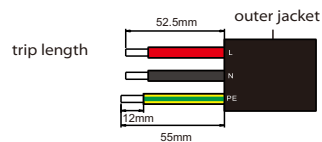


Note!
The PV connection
mode in this box
is **not allowed!**

IV

AC Connection

Cable size: 10 AWG



1. Slide the cable nut and back shell onto the cable.

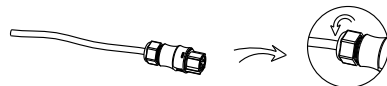
2. Insert the stripped end of each three wires into holes in the female insert, then tighten each screw.



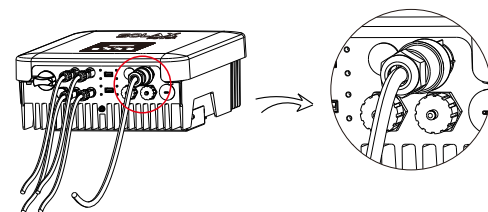
3. Screw down the threaded sleeve with pressure screw.



4. Screw down the pressure screw.



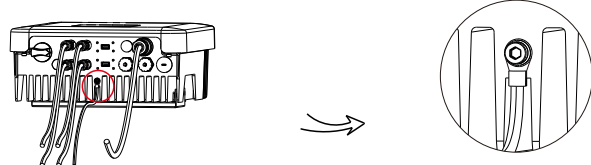
5. Connect the AC plug to the inverter.



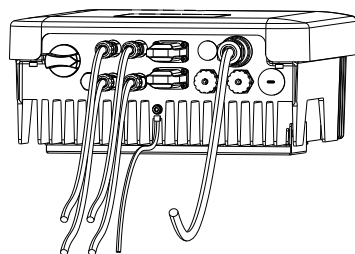
V

Earth Connection and Overview

- Screw the ground screw with allen wrench shown as follow.



- Overview for connection.



- After checking all connection 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.

VI

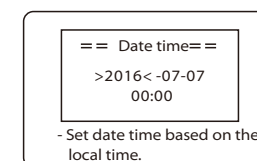
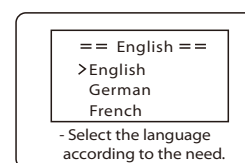
Basic Parameters Setting

Control Panel



Symbol	Name	Description
↩	ESC	Leave from current interface or function.
^	Up	Move cursor to upside or increase value.
∨	Down	Move cursor to downside or decrease value.
↵	Ok	Confirm the selection.

Start Guide



== Safety ==
Country
>VDE4105

- The user can set the safety standard here according to different countries and grid tied standards, please check the following table* for different standards (May change without notice).



== Export control ==
Mode Select
>Disable<

- With this function the inverter can control energy exported to the grid. Whether having this function is based on user's wishes.
- Set this parameter based on local grid policy. (For specific country if required by local grid.)
- The function can be shut off by choosing "disable" mode.

^{*}

Item	Standard	Country	Item	Standard	Country
1	AS/NZS 4777.2	Australia	3	IEC 61727	India
2	EN50438_NL	Netherlands	4	VDE 4105	Germany