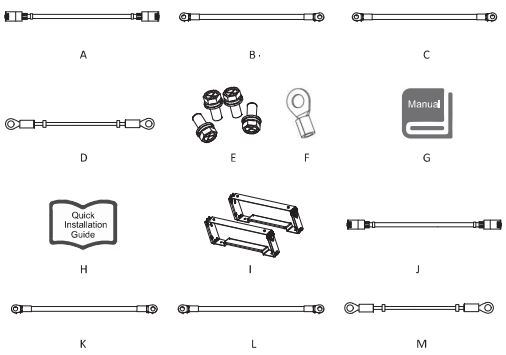
Quick Installation Guide

1.Tools Required

The following tools will be required to install the BMS BOX and the battery.

2. Packing List

For LV2600 :

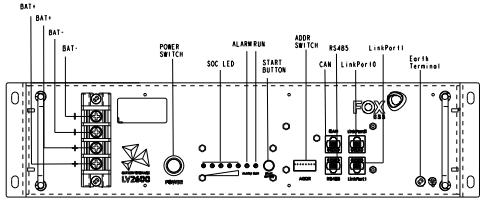


NO.	Description	NO.	Description
A	Communication Cable (0.21m)	H	Installation
B	Battery Negative Power Cable (0.26m)	I	Fixing bracket
C	Battery Positive Power Cable (0.26m)	J	Battery-Inverter Communication Cable(1m)
D	Grounding Cable (0.19m)	K	Battery-Inverter Negative Power Cable(1.5m)
E	Mounting screw pack	L	Battery-Inverter Positive Power Cable(1.5m)
F	Earth terminal	M	Battery-Inverter Grounding Cable (1m)
G	User manual		

Note: item I,J,K,L and M are provided separately, not including in battery package. Please contact your dealer if you do not have it.

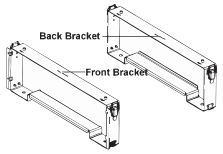
3. Terminals

For LV2600 :

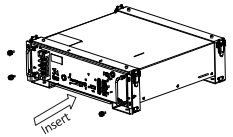


4. Installation Steps

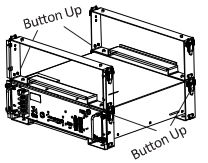
Step 1
Place the front bracket and back bracket as shown below.



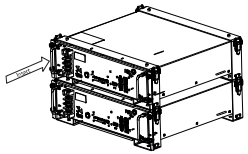
Step 2
Insert the battery module into the bracket from front horizontally, and tighten the four screws on the side.



Step 3
Locate the brackets for the second battery on top of the first pair of the bracket and fasten the connecting button on the side.

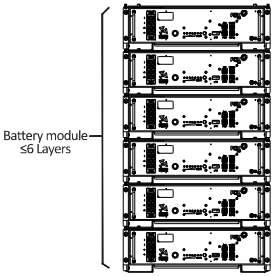


Step 4
Insert the battery module into the bracket from front horizontally, and tighten the four screws on the side.

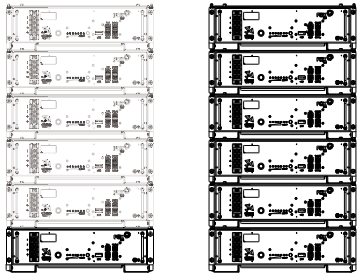


Note:
Max. 6 pieces battery per stack. If more than 6 pieces, there may be a risk of collaspe.

Battery modules less than 6 pieces:



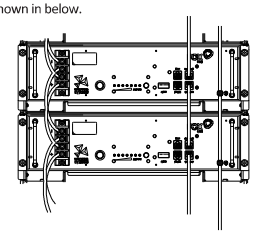
Battery modules more than 6 pieces:



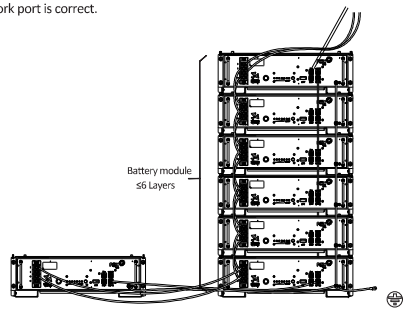
5. Wiring Steps

Battery power cable:

Step 1: Connect the power cable starting from the first battery module in parallel with other battery modules . Tighten the screws. The positive and negative connection of the battery cable is shown in below.



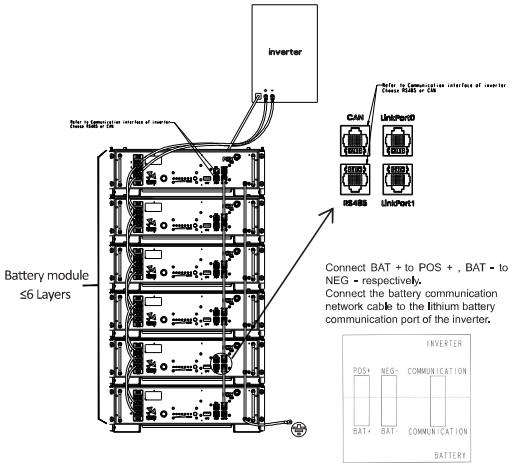
Step 2 : Wiring confirmation: Check whether the power wiring is tight and whether the positive and negative polarities are correct. Check if the wiring of the parallel network port is correct.



Communication cable connection:

Step 1 : Take the main positive cable (two orange plugs), the main negative line (two black plugs) to connect to the inverter.

Step 2 : Then connect the RS485-1 or CAN on the inverter to the RS485-1 or CAN of the first battery module,connect the LinkPort 1 of the previous battery module to LinkPort 0 of the next battery module, leave the last module' s LinkPort1 vacant. Wiring shall be connected in the sequence as shown in below.

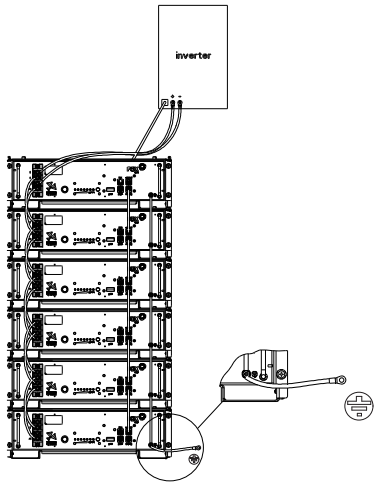


Note:

ADDR: Please refer to page 15 of the uesr manual.

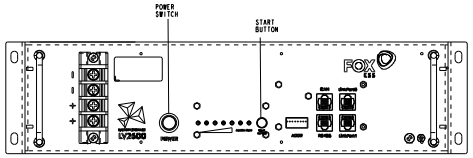
Grounding cable:

Connect the grounding cable to ensure that all batteries are grounded. Wiring shall be connected in the sequence as shown in below.



6. System Start Up

After pressing the power switch for 1s, all LEDs will be on and flashing, which indicates that the battery is started normally. After pressing the start button for 3s, the battery will turn on the discharge function.



Note:
1.After the communication between each battery pack lost for 10s, the battery will stop charging and discharging;
2.After the communication between battery pack and inverter lost for 10 minutes, the battery will stop charging and discharging.

V1.0
10-203-00137-00