



Installation and configuration manual With MUST

Pytes Lithium Battery

E-BOX series

With MUST Inverter



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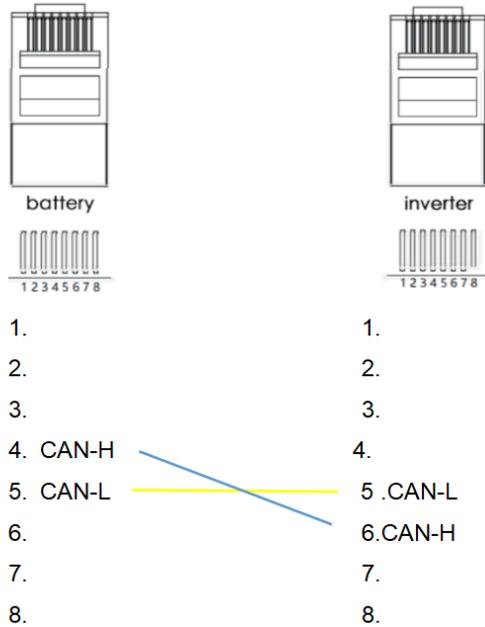
BOM LIST

Before installation, you should prepare following items.

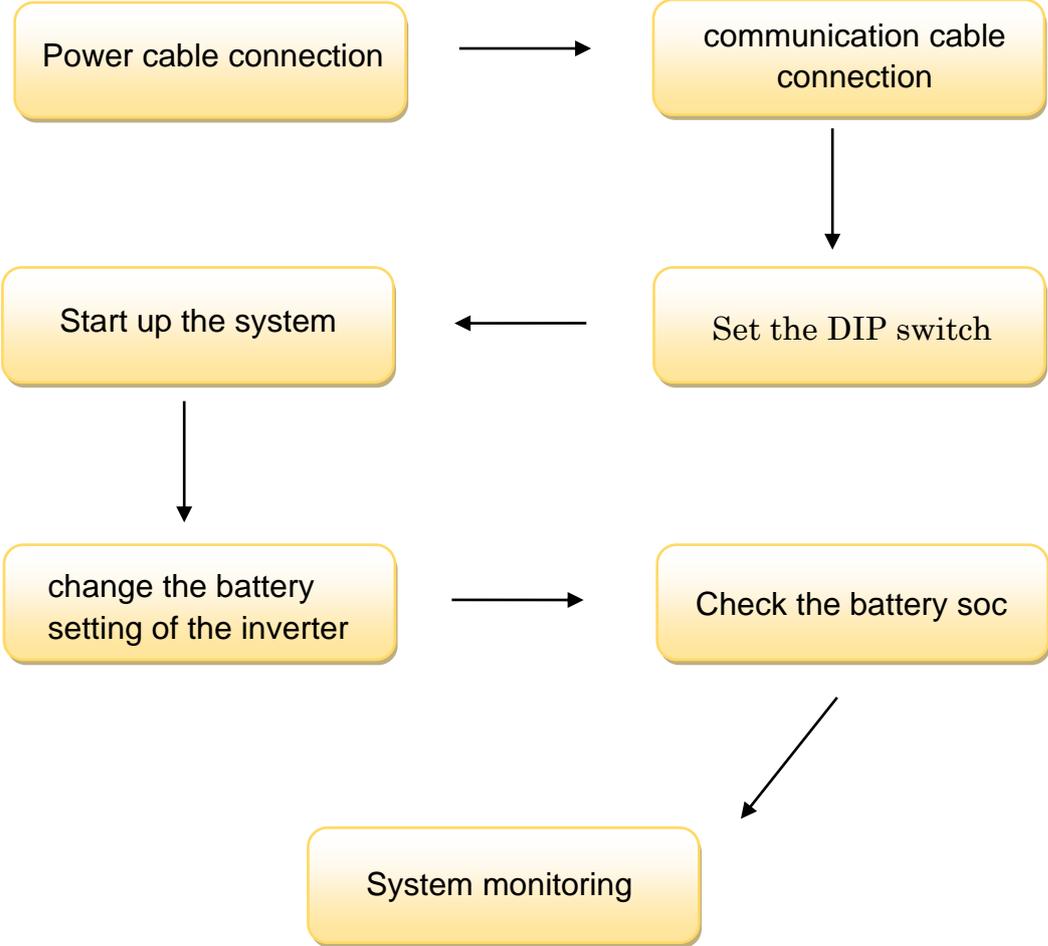
Item	Remarks	Quantity
Power Cable (DC)	<input type="checkbox"/> Conductor cross-section: 50 mm ² to 95 mm ² <input type="checkbox"/> Cable diameters: 14 mm to 25 mm <input type="checkbox"/> Only copper cables may be used. <input type="checkbox"/> The DC cables must be sized for the maximum battery voltage and the maximum battery current (see battery manufacturer documentation).	Depends on the number of batteries and the connection method
CAN Cable	CAN communication Terminal (RJ45 port) follow CAN protocol, to output batteries information	1
Battery	48100R / 48100C / 4850	Depends on the number of batteries and the connection method
Inverter	MUST	1

Definition of RJ45 Port Pin for BMS is as follow.

CAN port definition



HOW TO INSATLL



CAUTION: If you want to get more inverter-related settings, please refer to the inverter user manual first.

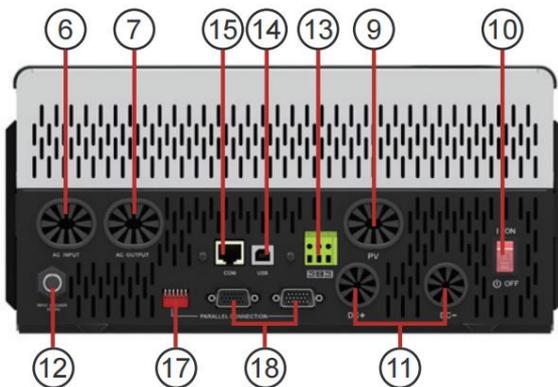
1. Power Cable Connection

Step.1

Open the front housing of the MUST .

Step.2

Connect the red and black cables to the inverter DC connector as shown in Pic 1.1.1



- | | |
|------------------------|--------------------------------|
| 6. AC Input | 13.Dry Contact |
| 7. AC Output | 14.USB |
| 8. FAN | 15.RS-485 Communication port |
| 9. PV Input | 16.USB WiFi |
| 10.Power On/Off Switch | 17.Parallel switch |
| 11.Battery Input | 18.Parallel communication port |
| 12.Circuit breaker | |

Pic 1.1.1

Step.3

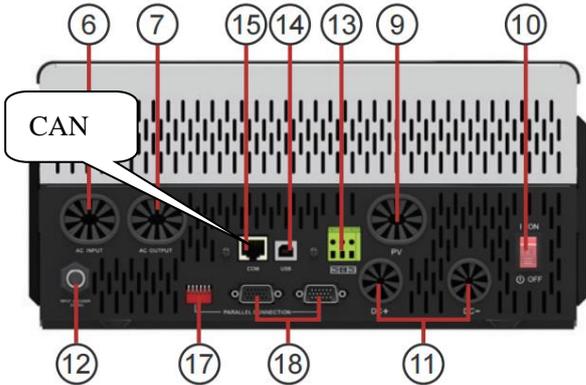
At the other end of the cable, connect to the battery as shown Pic 1.1.2. (Ensure that the battery power switch is off)



Pic 1.1.2

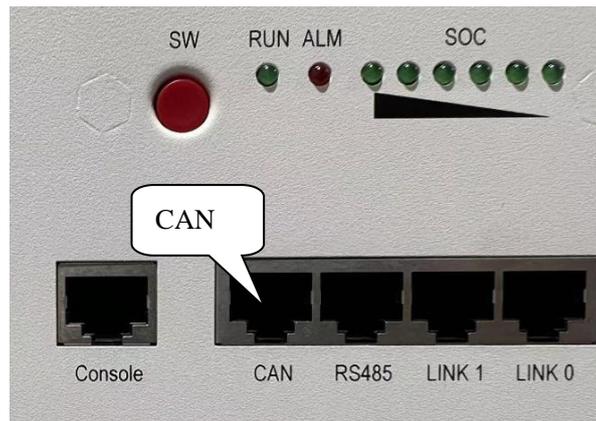
2. Communication Cable Connection

Connect the end of the cable to the inverter communication port as shown in pic 1.2.1.



Pic 2.1.1

Connect the other end of the cable to the battery communication port as shown in pic 2.1.1. (Ensure the correct sequence of wires inside the communication cable 4-6,5-5)



Pic 2.1.2

3. Set The DIP Switch

Set the DIP switch as shown in graphic 1



graphic 1

4. Start up the system

Start up the inverters and batteries.

5. Change the battery setting of the inverter

※CAUTION:If you want more details about the batteries settings, please check the operating manual of inverters.

Step1. For 48100,14 program should be set to Li.



Pic 5.1.1

Step2.

Turn to the 41 program,you can set it to 0.



Pic 5.2.1

6.Check the battery soc

Step.1 Turn back to home screen. If the battery communicates with

the inverter successfully, the Soc will be displayed on the home screen.



Pic 6.1.1

7. System monitoring

※CAUTION:If you want more details about system monitoring, please check the operating manual of inverters.

Scan QR code for manual



Pic 7.1.1