Installation and configuration manual With selectronic

Pytes Lithium Battery E-BOX series

With selectronic Inverter

Pytes

CONTENTS

Pytes

BOM LIST
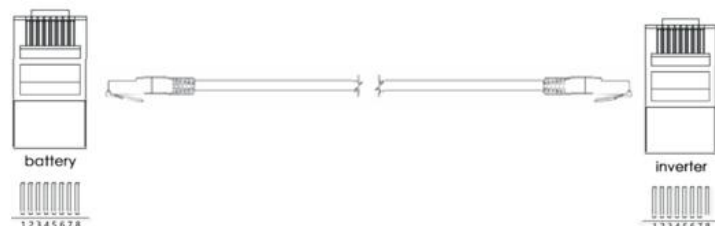
Before installation, you should prepare following items.

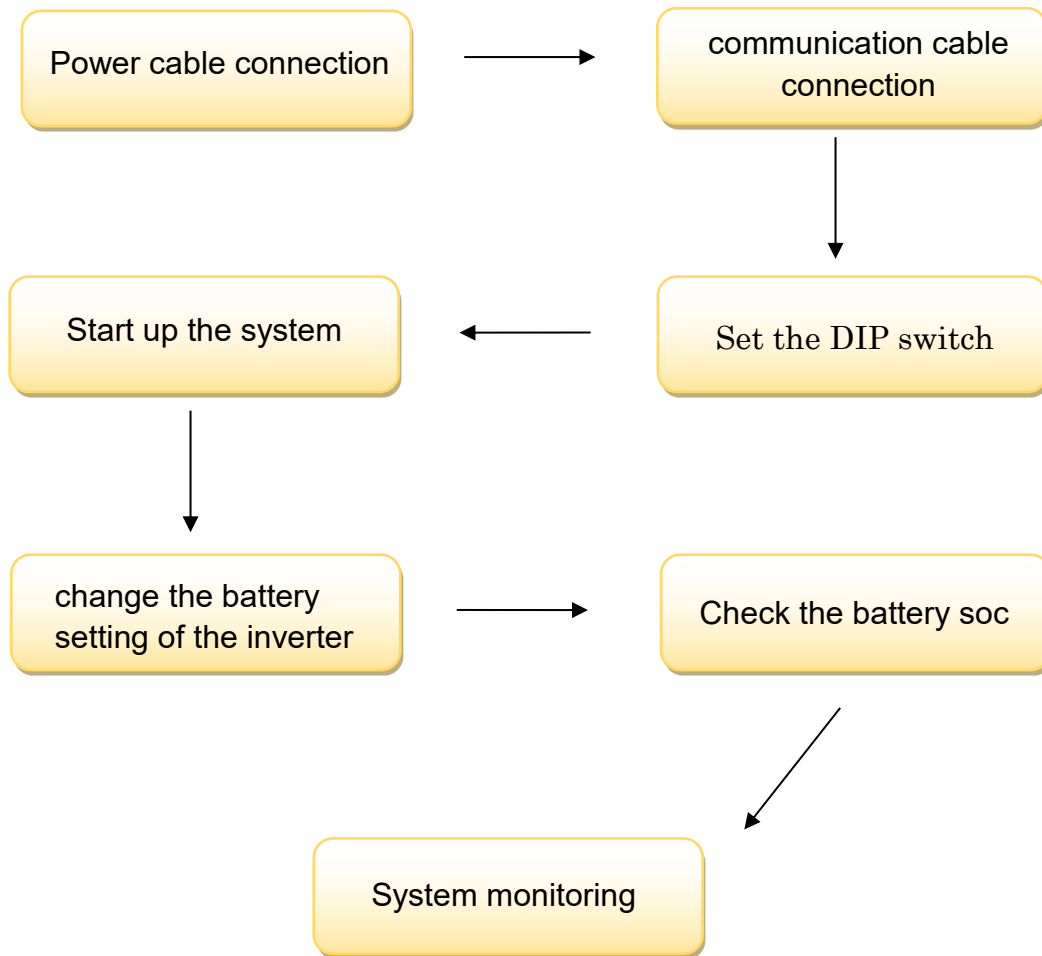| Item	Remarks	Quantity
Power Cable (DC)	☐ Conductor cross-section: 50 mm² to 95 mm² ☐ Cable diameters: 14 mm to 25 mm ☐ Only copper cables may be used. ☐ The DC cables must be sized for the maximum battery voltage and the maximum battery current (see battery manufacturer documentation).	Depends on the number of batteries and the connection method
Com. Cable	CAN communication or RS485 communication	1
Battery	48100R series /4850	Depends on the number of batteries and the connection method
Inverter	selectronic	1

`

Pytes

Definition of RJ45 Port Pin for BMS is as follow.

Click here to tell the version of 48100R you have.

    CAN port definition

Version of 48100R	Pin number of com. cable
B and C version	

Pytes

HOW TO INSATLL

```
Power cable connection  ──────▶  communication cable
                                    connection
                                         │
                                         ▼
Start up the system     ◀──────     Set the DIP switch
      │
      ▼
change the battery      ──────▶    Check the battery soc
setting of the inverter                  │
                                         ▼
              System monitoring
```
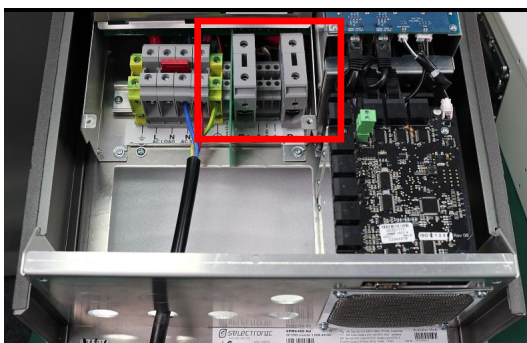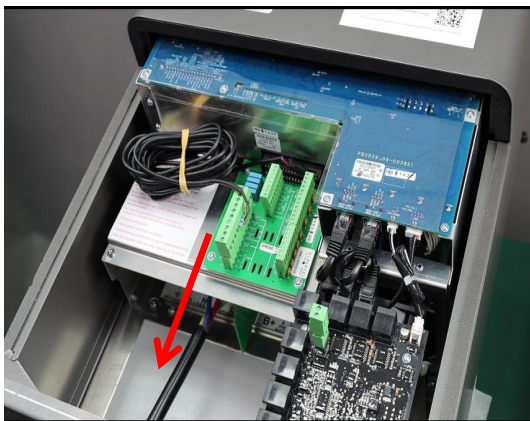
CAUTION: If you want to get more inverter-related settings, please refer to the inverter user manual first.
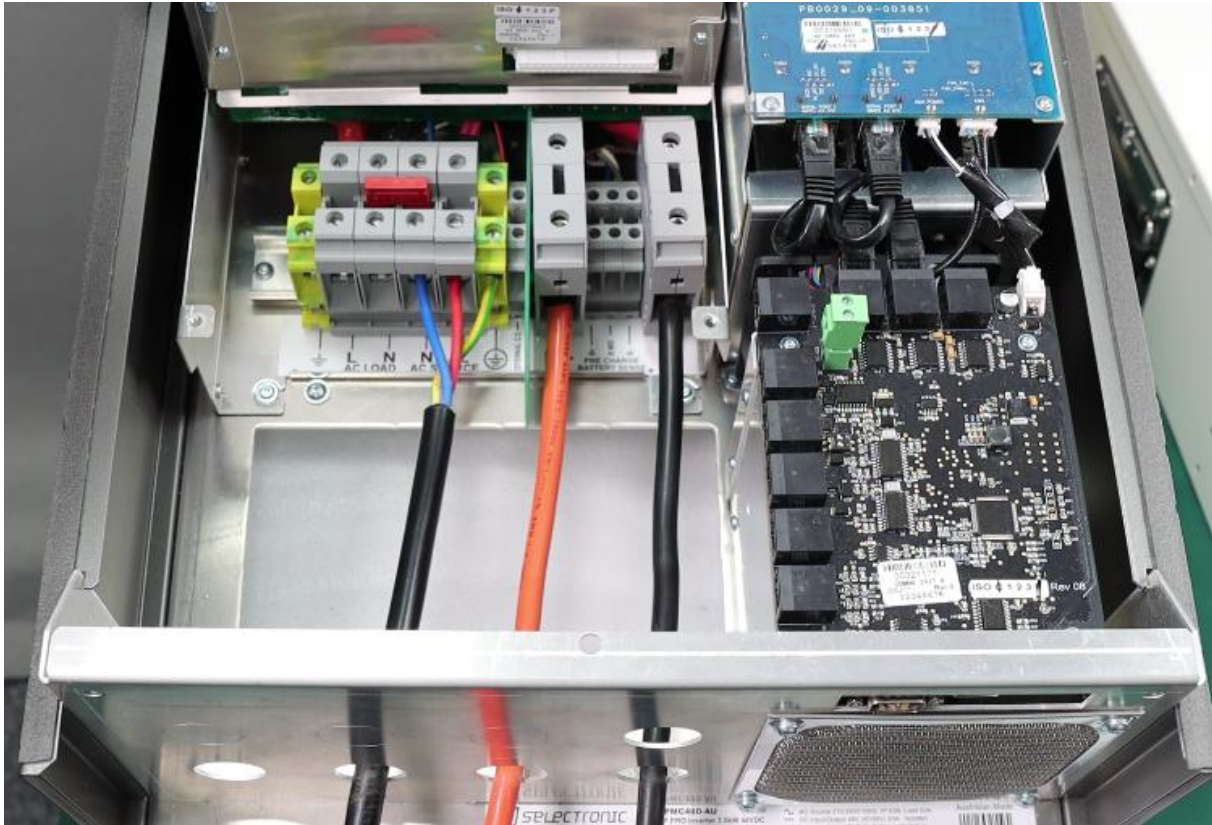
Pytes

1. Power Cable Connection

Step.1

Open the front housing of the selectronic inverter.

Pytes

Step.2

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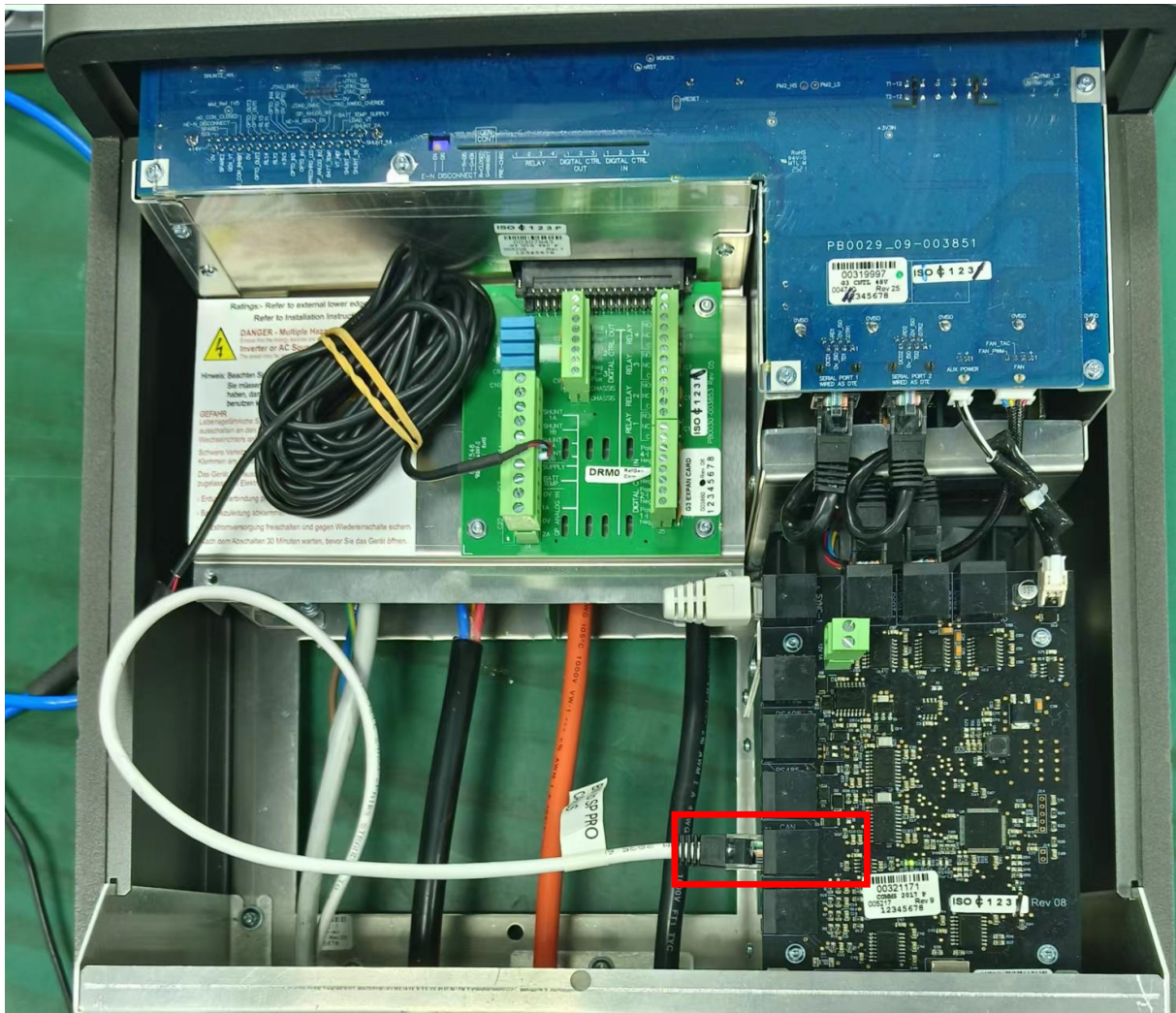

Pic 1.1.1

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
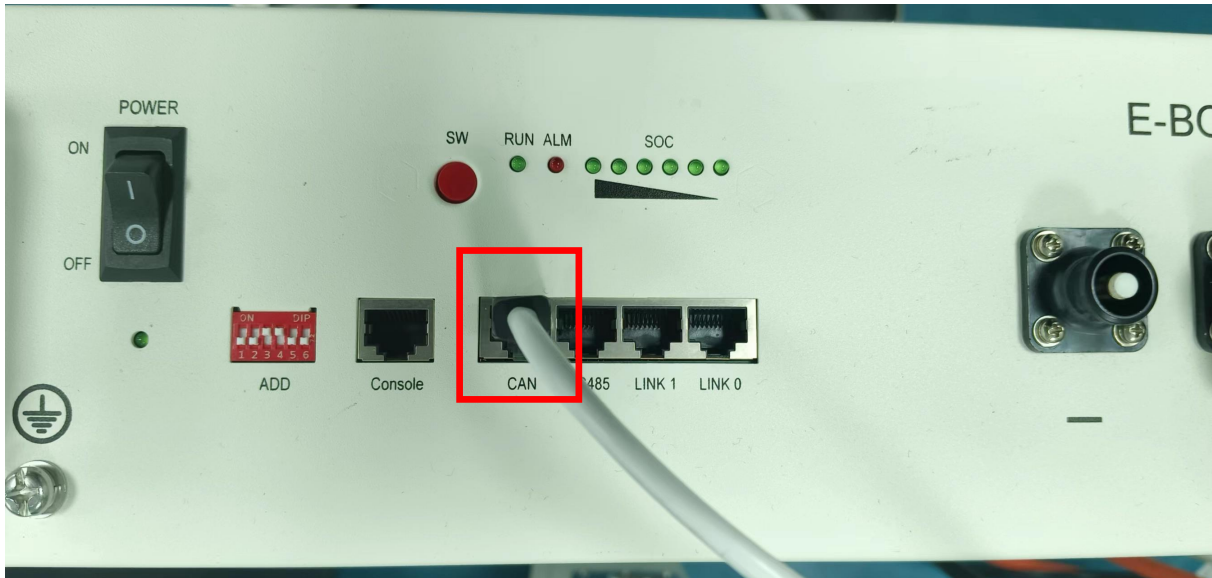
Pytes

2. Communication Cable Connection

Connect the end of the cable to the inverter communication port as shown in pic 1.2.1. Make sure which communication port to use.

Pic 1.2.1

Connect the other end of the cable to the battery communication port as shown in pic 1.2.1. (Ensure the correct sequence of communication cable)
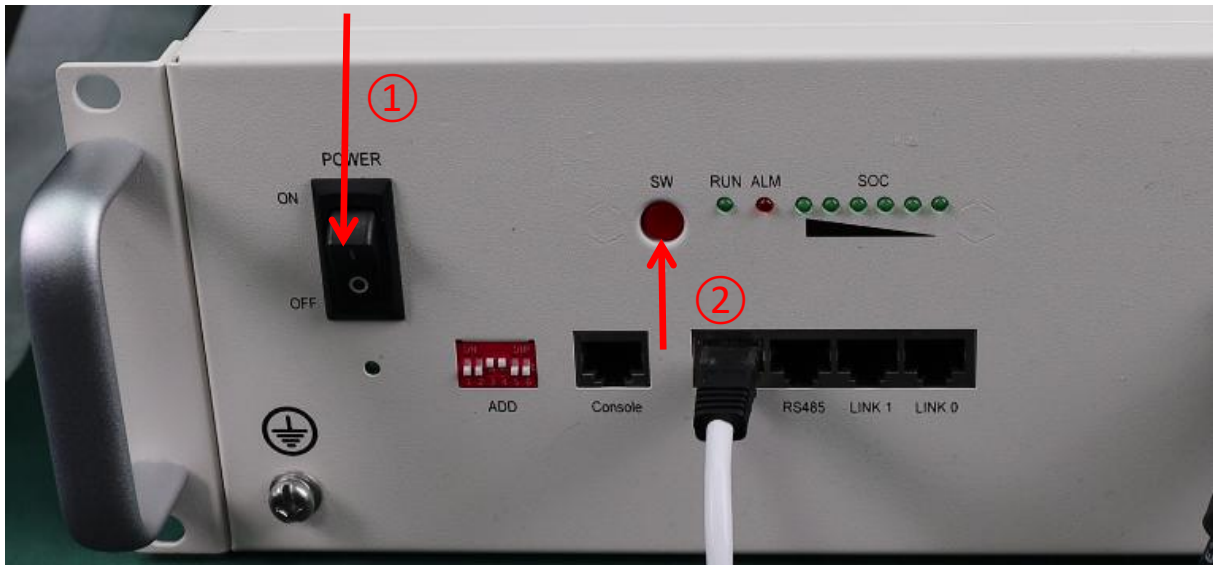
Pic 1.2.2

3. Set The DIP Switch

Set the DIP switch as shown in Pic 1.2.3.

Version of 48100R	ADD setting
A and B version	
C version	

Pic 1.2.3

4. Start up the system

Restore the cover plate of the inverter,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.

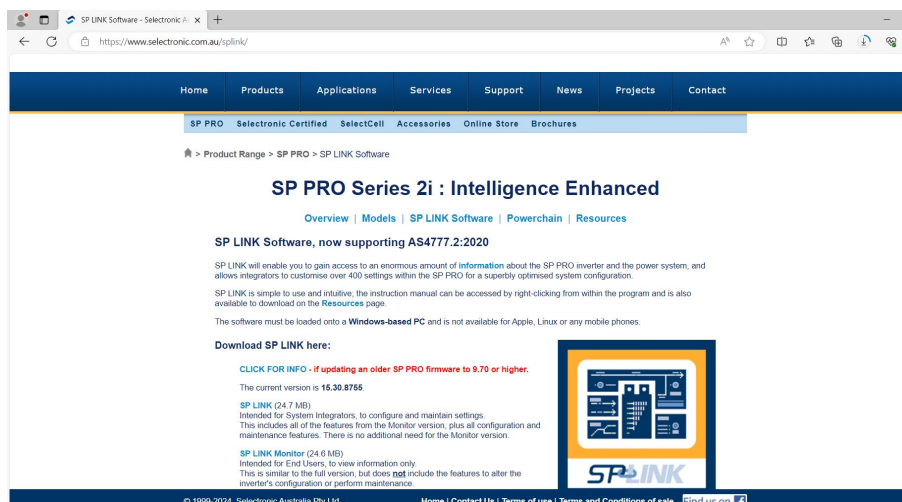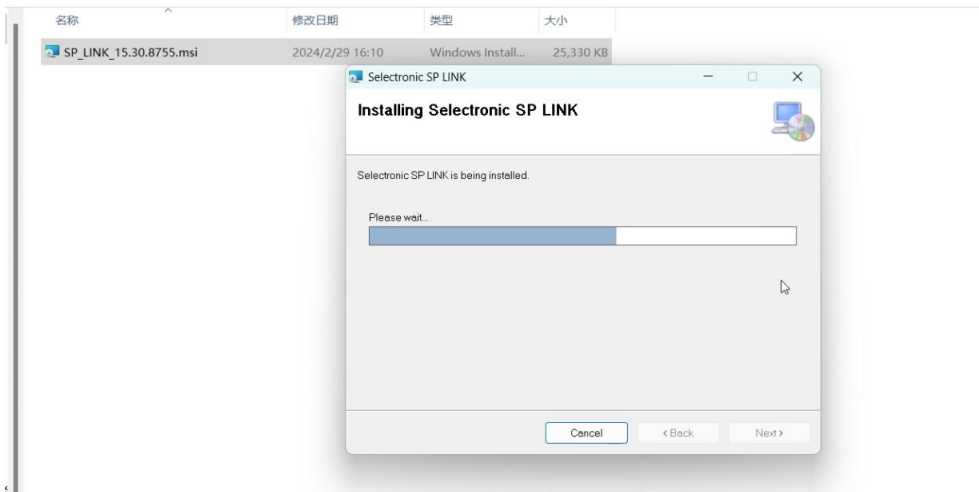Connect the host computer cable from the inverter to the laptop.

Pic 1.5.1

![Pytes logo]

Pic 1.5.2

Step2.

Go to selectronic https://www.selectronic.com.au/splink/and download the SP LINK.
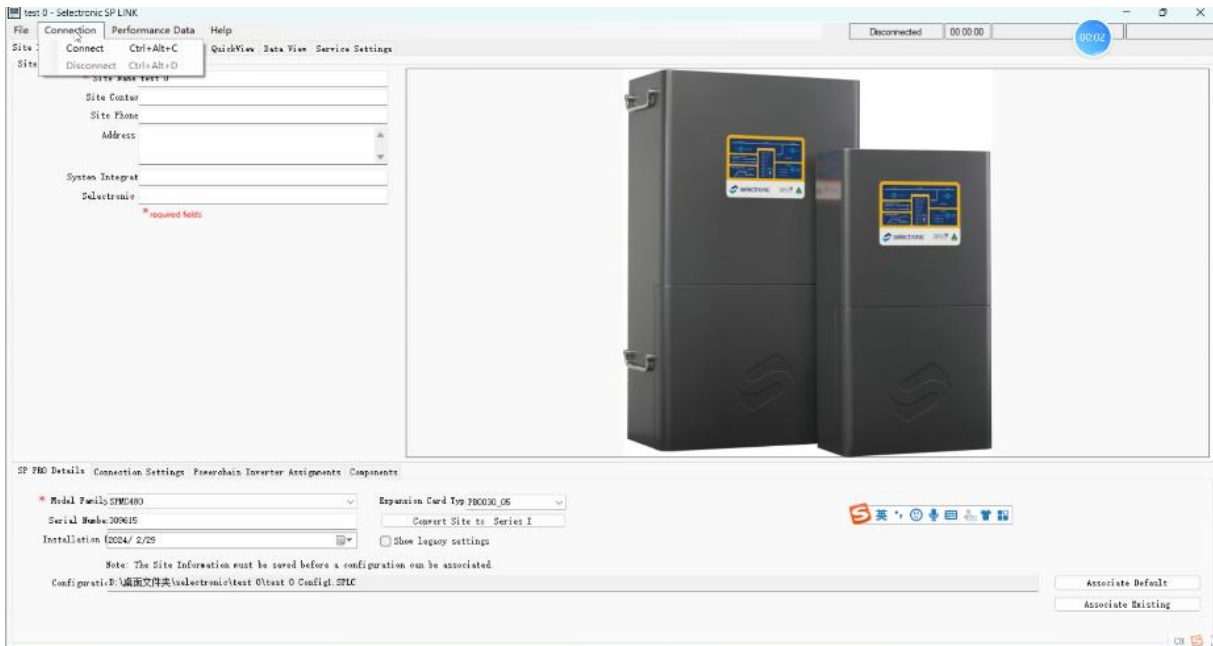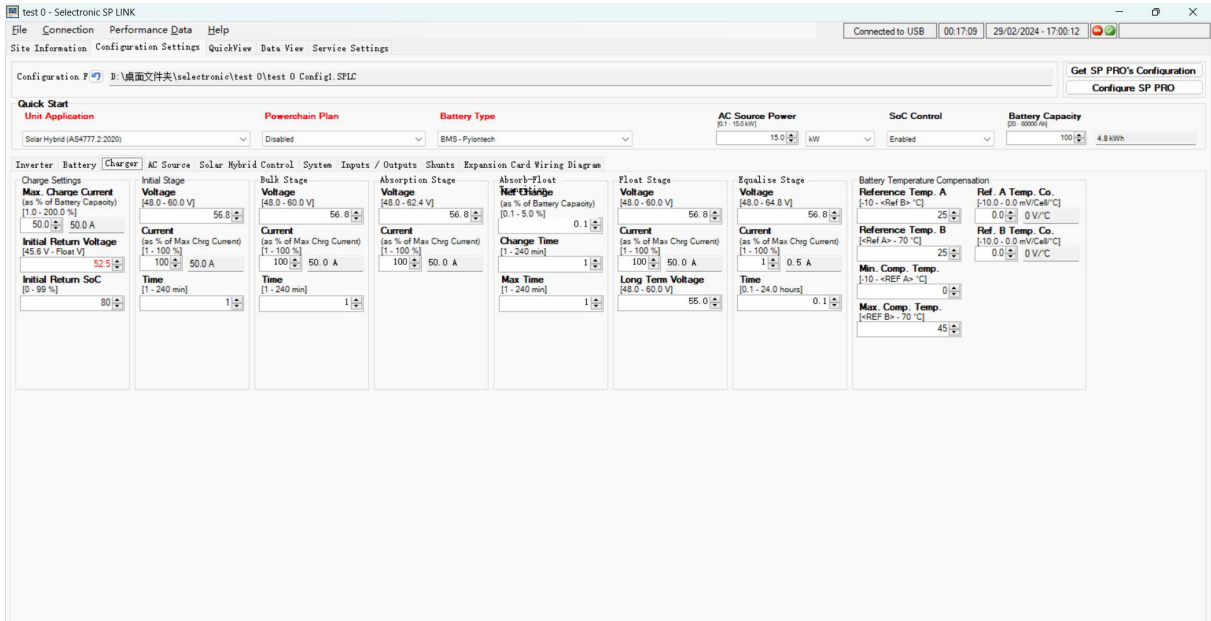

Pic 1.5.3

Pytes

Pic 1.5.3
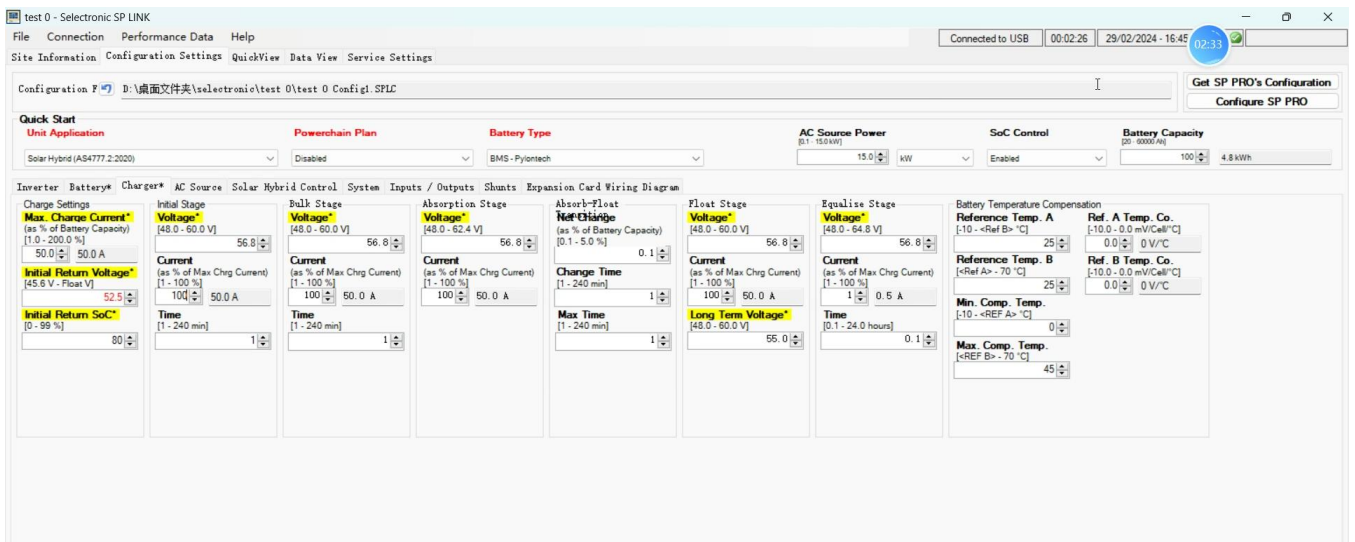
Step 3.

Connect and select the protocol.

Pic 1.5.4

Pic 1.5.5

Step 4.

Set the parameters of the battery on the inverter. Please check the

battery E-BOX 48100R user manual for detailed

parameters

6.Check the battery data on inverter
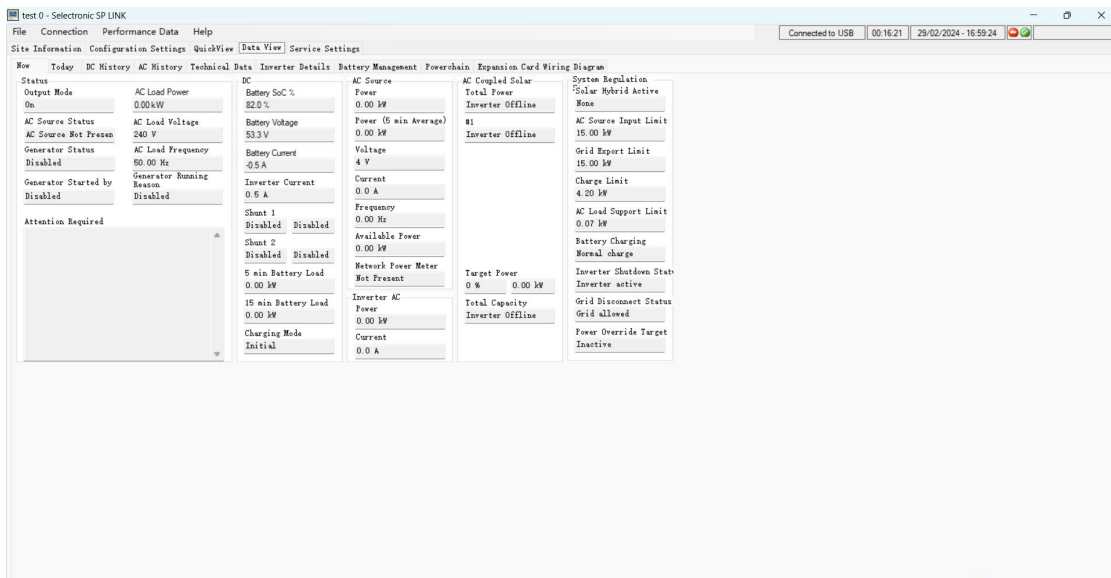
Step.1

Touch the Quick View can see the battery data.

Pic 1.6.1

Step.2

Click the **Data View** can see detail datas.

Pic 1.6.2

-END-