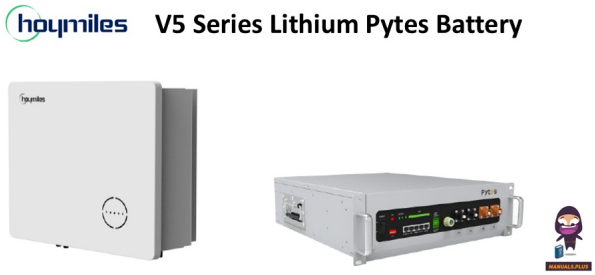


hoymiles V5 Series Lithium Pytes Battery Instruction Manual

Contents

hoymiles V5 Series Lithium Pytes Battery

Specifications

- Power Cable (DC): Depends on the number of batteries and the connection method
- Communication Cable: CAN communication or RS485 communication
- Battery Inverter: Hoymiles

BOM LIST
Before installation, you should prepare following items.

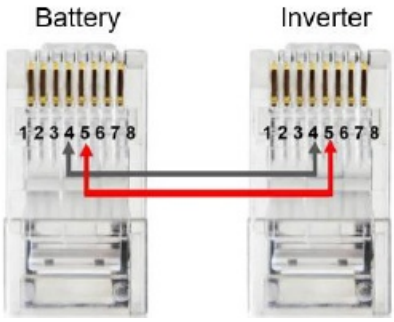
Item	Remarks	Quantity
Power Cable (DC)	• Conductor cross-section: 50 mm² to 95 mm² • Cable diameters: 14 mm to 25 mm • Only copper cables may be used. • The DC cables must be sized for the maximum battery voltage and the maximum battery current (see battery manufacturer documentation).	Depends on the number of batteries and the connection method
Com. Cable	CAN communication or RS485 communication	1
Battery	V5° series	Depends on the number of batteries and the connection method
Inverter	Hoymiles	1

Notice:
Definition of RJ45 Port Pin for BMS is as follow. The version of V5°.

V5°

V5°alpha

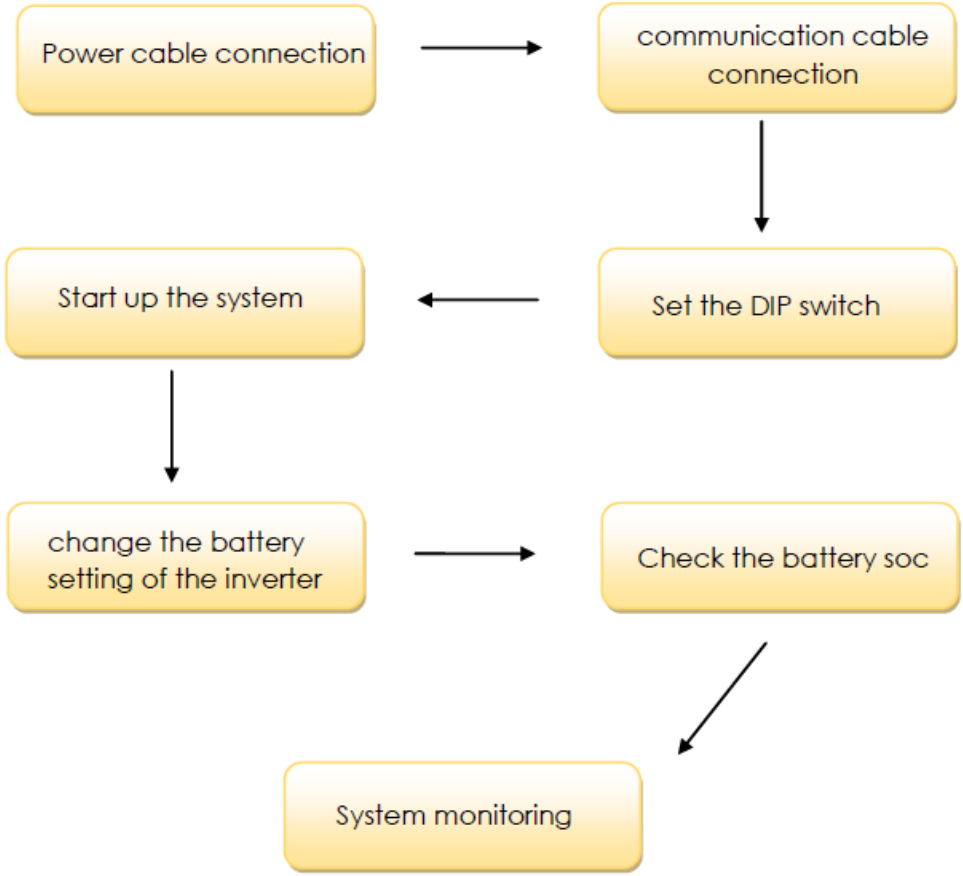
CAN port definition

Version of V5°	Pin number of com. cable
V5° & V5°α	

2We have already listed by hoymiles. But please confirm that the ARM version of inverter is 0.2.18 or above. If not, please updating it before setup the whole system.

Link: Hoymiles-Compatible-Battery-List_V1.41.pdf

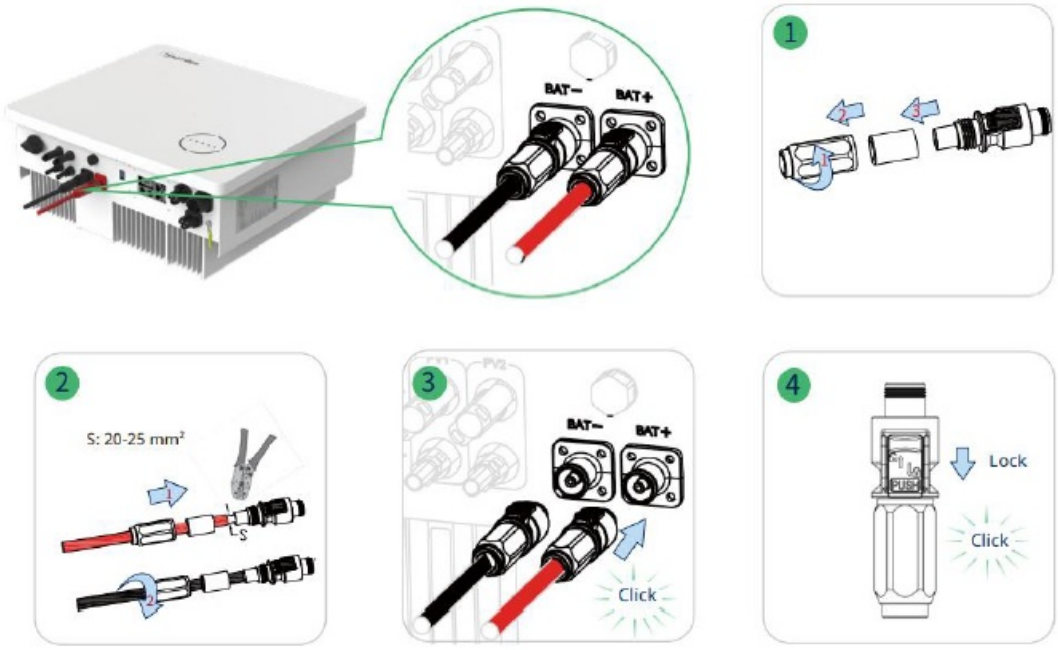
HOW TO INSATLL



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

Power Cable Connection

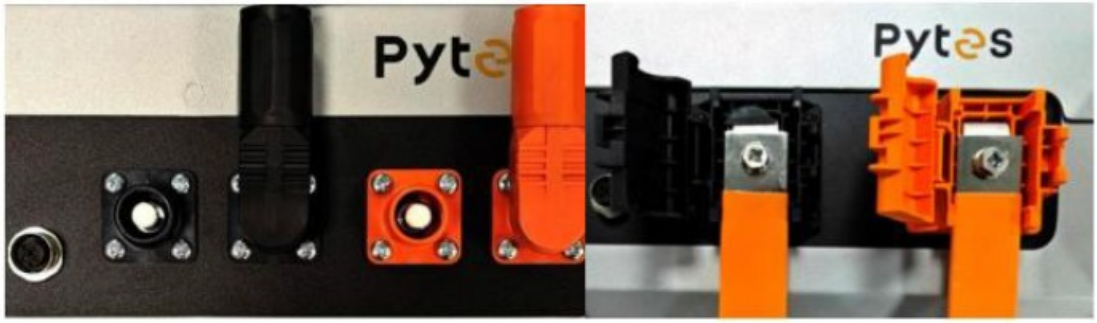
Step.1
Connect the red and black cables to the inverter DC connector as shown in Pic 1.1.1.



Pic 1.1.1

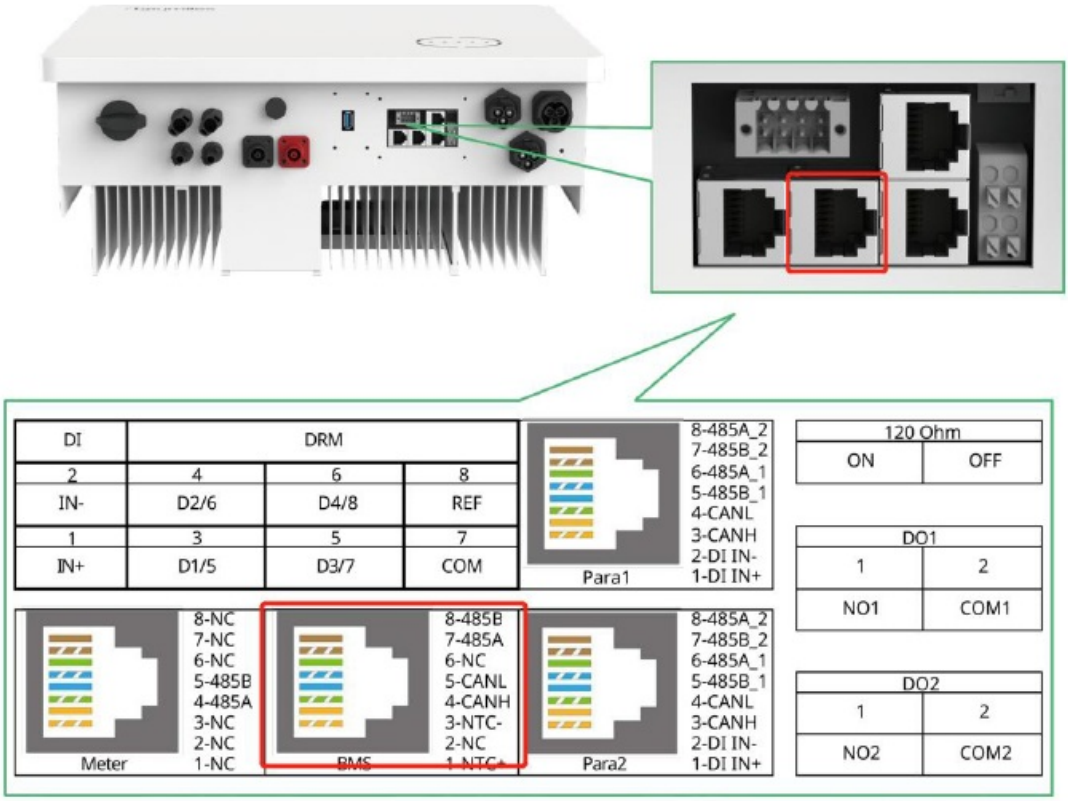
NOTICE
Use the battery connectors in the accessory box for battery connections.

Step.2
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

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.



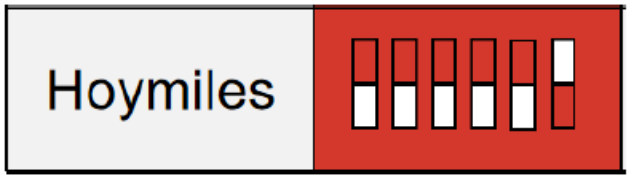
Pic 1.2.1

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

Pic 1.2.2

Set the DIP Switch

Set the DIP switch as shown in Pic 1.3.1.

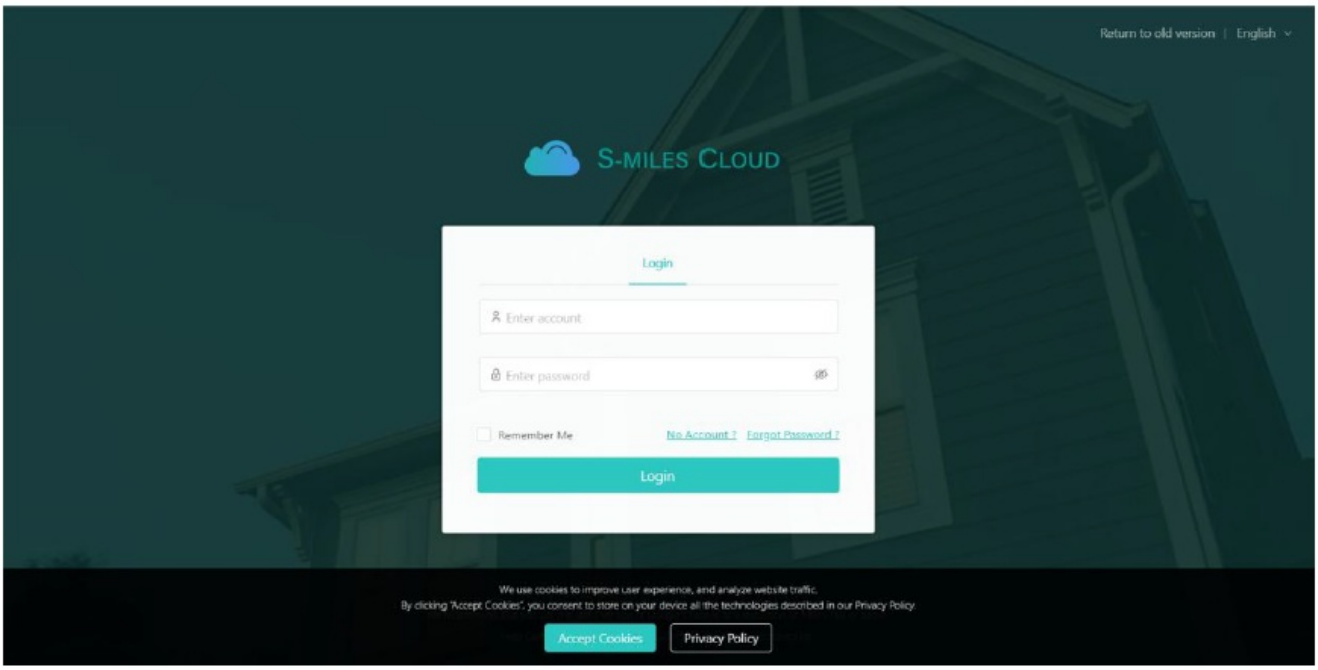
Version of V5°	ADD setting
V5° & V5°α	

Pic 1.3.1

Start up the system
Once the unit has been properly installed and the batteries are connected well, turn on the batteries, then turn on the Battery Breaker (if have), Grid Breaker, Backup Breaker and Main breaker to power the system.

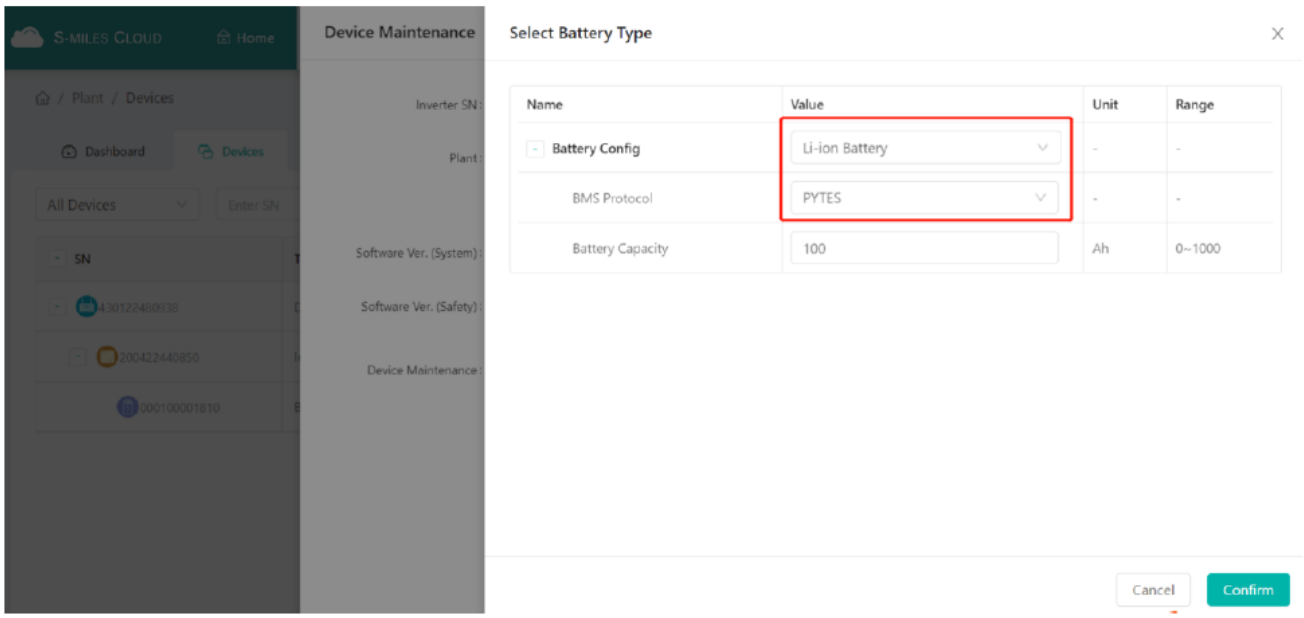
Change the battery setting of the inverter
CAUTION: If you want more details about the batteries settings please check the operating manual of inverters.

- Log in with your account and password on S-MILES Cloud.



Pic 2.2.1

- Select Li-ion Battery and PYTES BMS protocol.



Pic 2.2.2

System monitoring

CAUTION: If you want more details about system monitoring. please check the operating manual of inverters. Please download the S-Miles Cloud App from the Google Play Store or the Apple App Store. The QR code below can also be scanned to download the App. Please refer to the S-Miles Cloud User Manual from www.hoymiles.com/resources/download/ for details.

Download the app from the app store.

S-Miles Installer

S-Miles End-user

Pic 3.2.1

FAQ

Q: How can I check if my inverter is compatible with Hoymiles?
A: Please confirm that the ARM version of the inverter is 0.2.18 or above before setup. Refer to the link provided for a list of compatible batteries.

Documents / Resources

	hoymiles V5 Series Lithium Pytes Battery [pdf] Instruction Manual V5 Series Lithium Pytes Battery, V5 Series, Lithium Pytes Battery, Pytes Battery, Battery

References

- User Manual