

### Connect the cables and set the DIP Switch

Connect the power cables between inverter and battery ( or the Busbars )as the Figure 1.1.1 . Check the position of APS Battery Connectors.

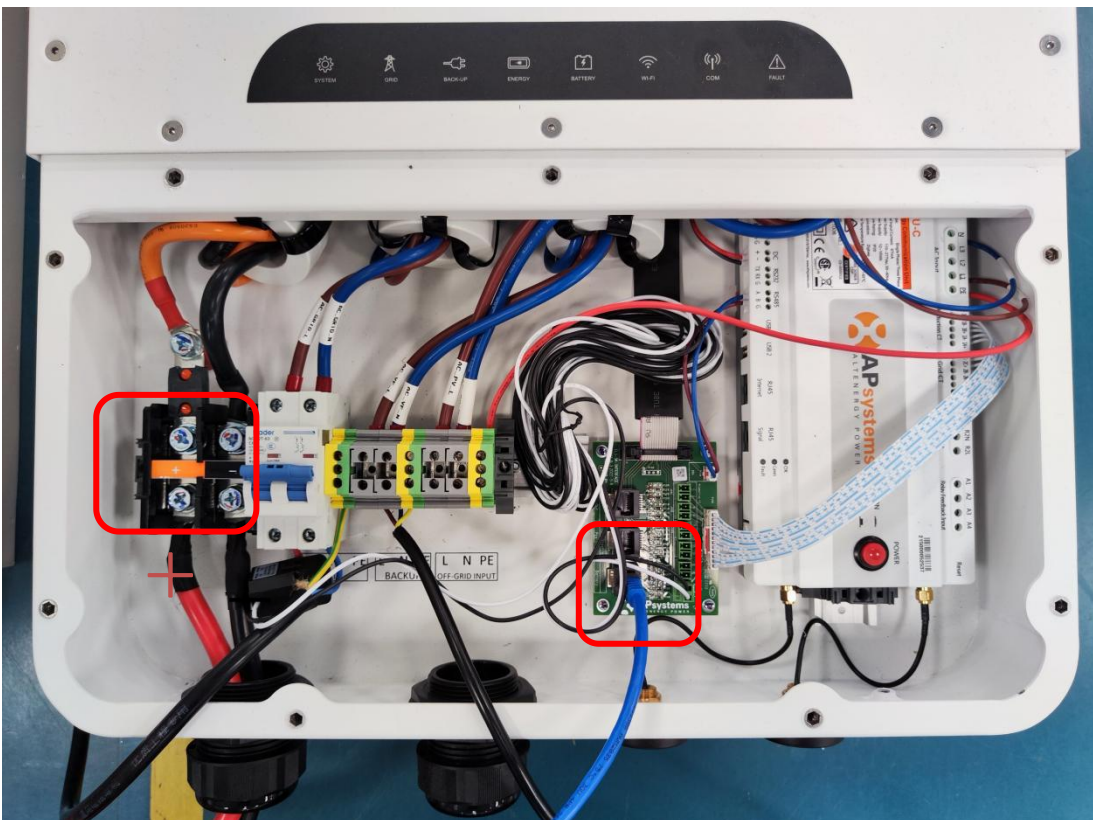


Figure 1.1.1 APS inverter power and comm Connectors

A standard ethernet cable can be used for the communication since APS inverterpin assignment is the same as Pytes E-BOX battery.

### CAN port definition

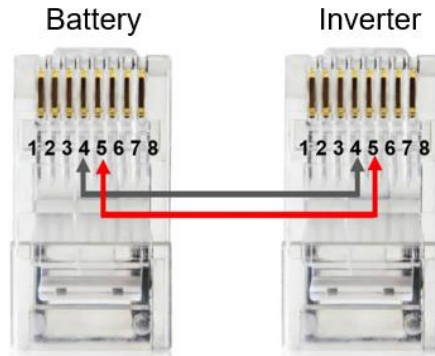


Figure 1.1.2 APS ethernet cable

Plug in the battery end into the **CAN port** of the Pytes E-BOX battery ,as shown in the Figure 1.1.3.

Plug in the inverter end into APS **battery Port** as shown in the Figure 1.1.1.



Figure 1.1.3 battery comm and power cable connection

Set the DIP Switch of battery as Figure 1.1.4 shown.

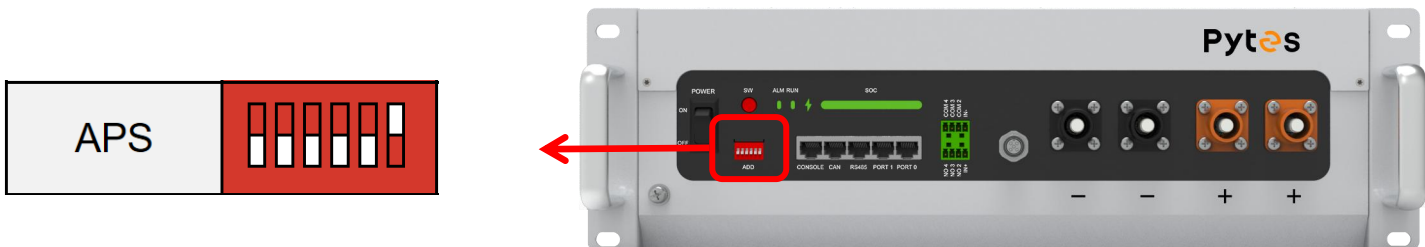


Figure 1.1.4 APS DIP switch setting

## Program the inverterh

There are eight LED indicators on the PCS unit, indicating the working state of the PCS.



<b>BATTERY</b>	Light on constantly	The battery is charging
	Light flashing 1	The battery is discharging
	Light flashing 2	The battery SOC is low
	Light off	The battery is disconnected

If the battery icon is green and there is no alarm sound, it means that the communication between the inverter and the battery is successful. If not, the inverter battery icon will not appear green and will alarm.

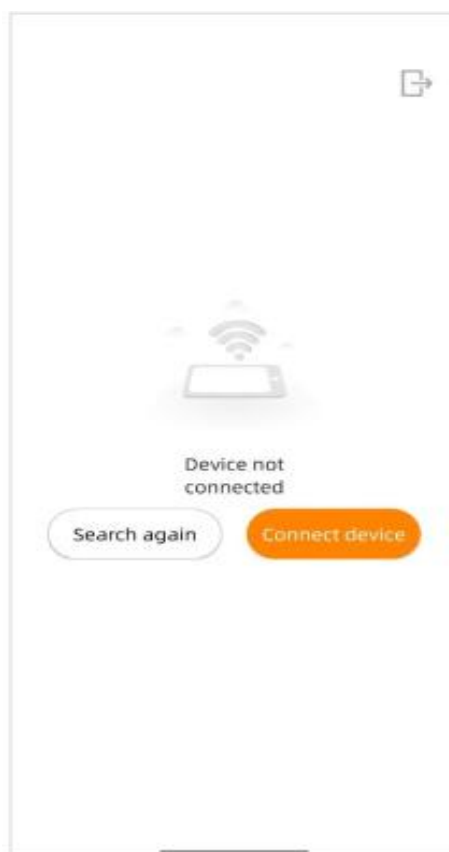
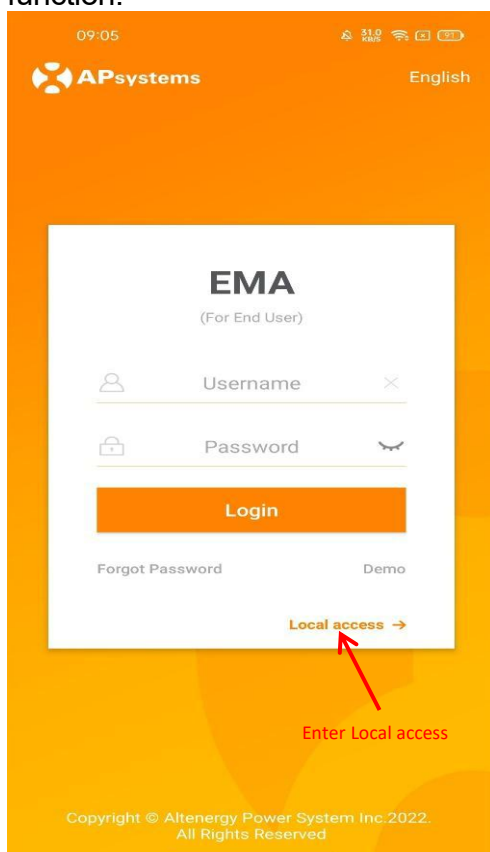
There is no physical button on the inverter, which can only be set through the APP.

Download app:[www.apsystems](http://www.apsystems)



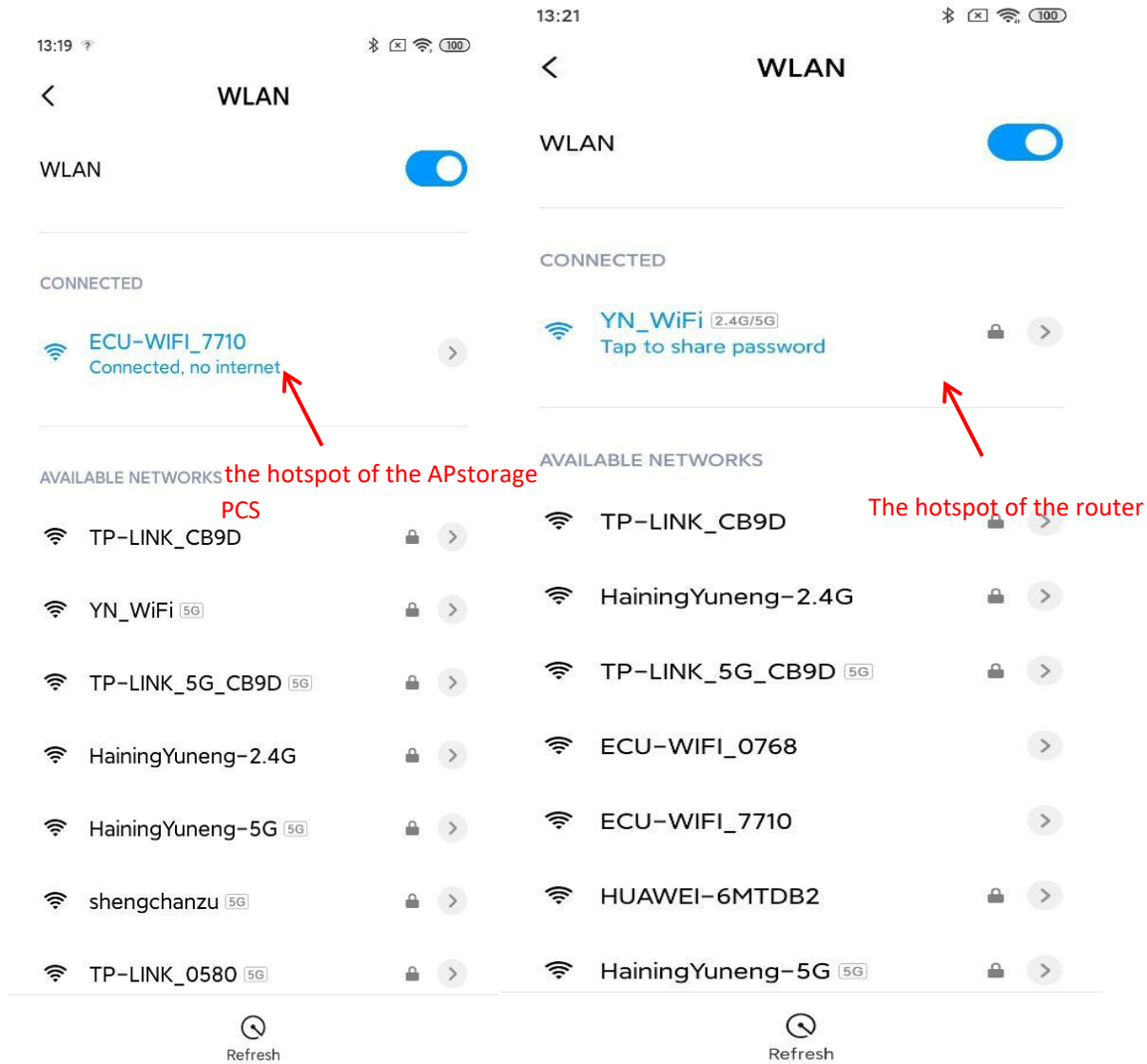
## Configure APstorage with EMA Manager

The APstorage PCS has been designed with local connection and management functionality. You can access this local functionality through EMA Manager. Click "Local access" to enter this function.



You will be noticed if your smartphone or tablet is not initially connected to the hotspot of the APstorage PCS or the router to which the APstorage PCS is connected.

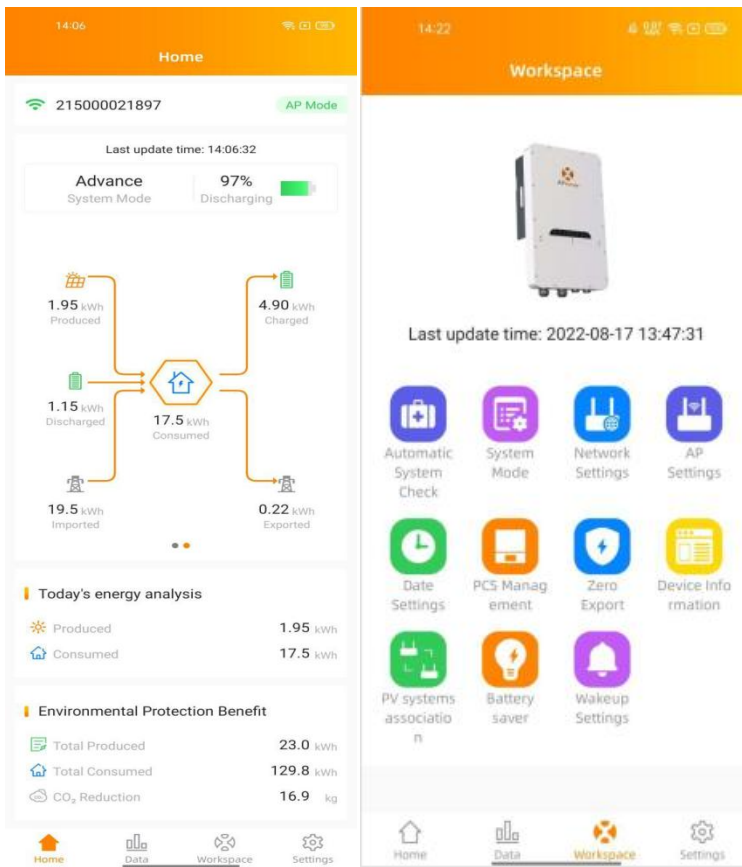
- Step1: Open Wi-Fi setting in your smartphone, connect to the hotspot of the APstorage PCS, the format of the hotspot is ECU-WIFI\_XXXX, XXXX being the last four digits of the built-in ECU. Also you can connect to the router which the APstorage PCS is connected to.



- Step 2: Open EMA Manager.

- Step 3: Click "Local access"

You can use this APP to connect the APstorage PCS to the router via Lan or Wlan.



You can view the system ID, charge and discharge status, real-time power, soc, today's charged energy, total charged energy since installed, and CO<sub>2</sub> reduction. The workbench displays the latest communication time, and currently supported function catalog. Click the corresponding button to enter the function page.

Please refer to the APS inverter manual for more settings.