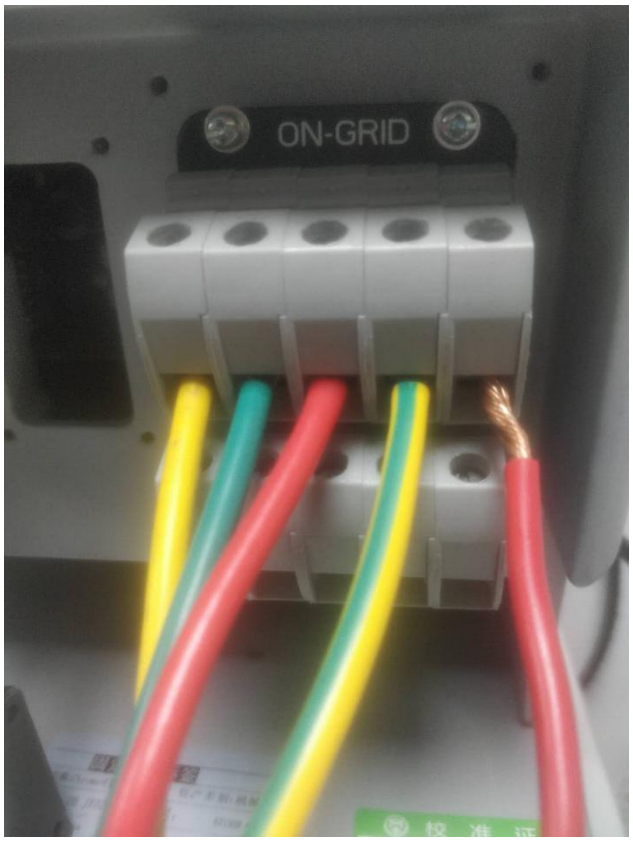
GoodWe-ET10KW - cables connection and Force charge setup

This model of inverter is 180~600VDC of battery side. Single battery module is 48V, So minimum 4pcs ~ 11pcs in serial connection, 7~8pcs is recommend.

3-Phase grid power connect to the inverter input terminals (from left to the right: L1, L2, L3, N, PE):

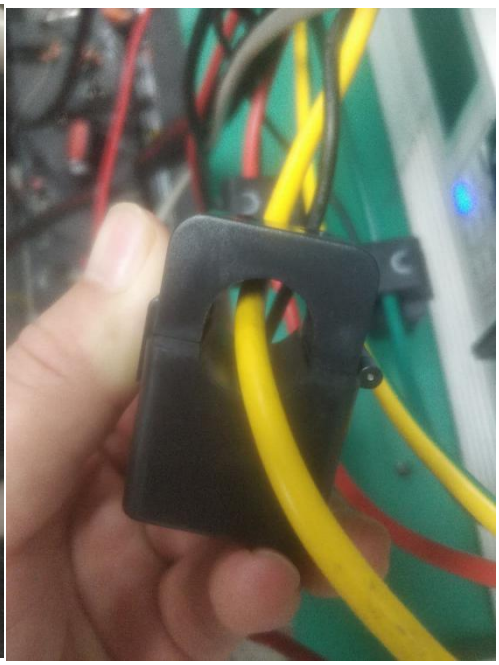


1. Must connect the kilo-watt-hour meter parallel connect into the current hall sensor. Just like the sticker of the side long kilo-watt-hour mete, 9, 10, 11, 12 connect to N, L1, L2, L3;



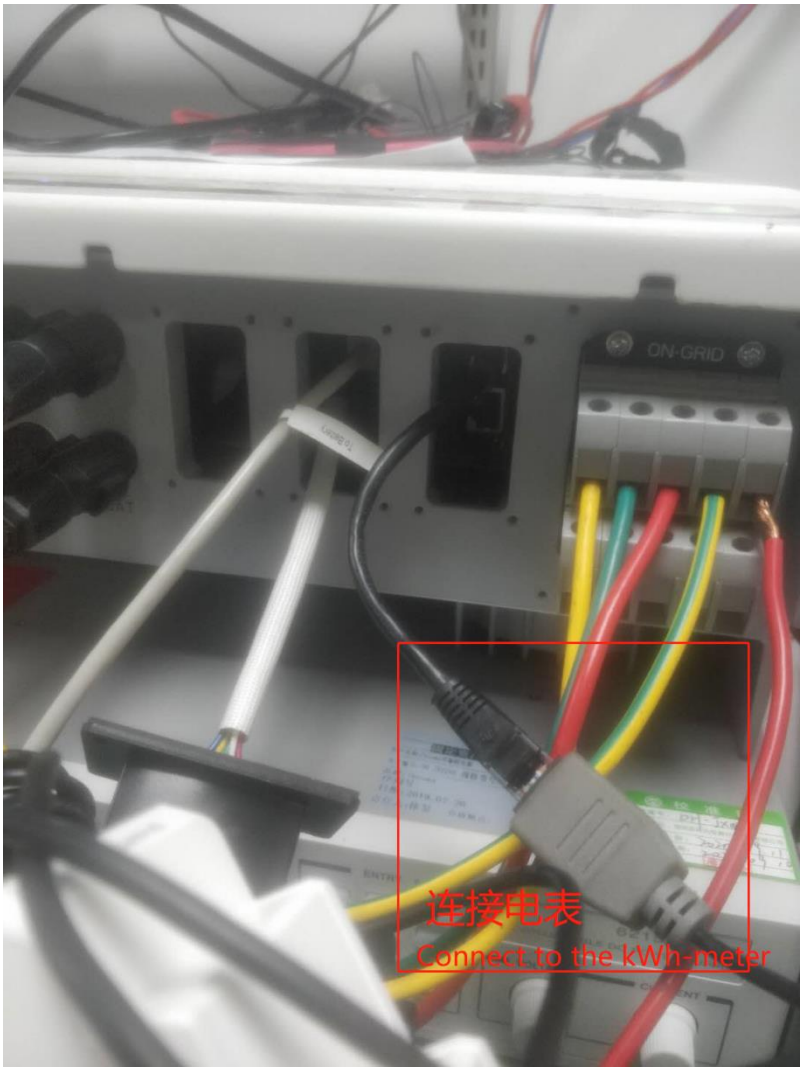
2. 1, 2 are the RS485 terminals of the kilo-watt-hour meter (1B, 2A).
   3&4, 5&6, 7&8 these 3 pair wires are connected to three Hall sensors respectively.

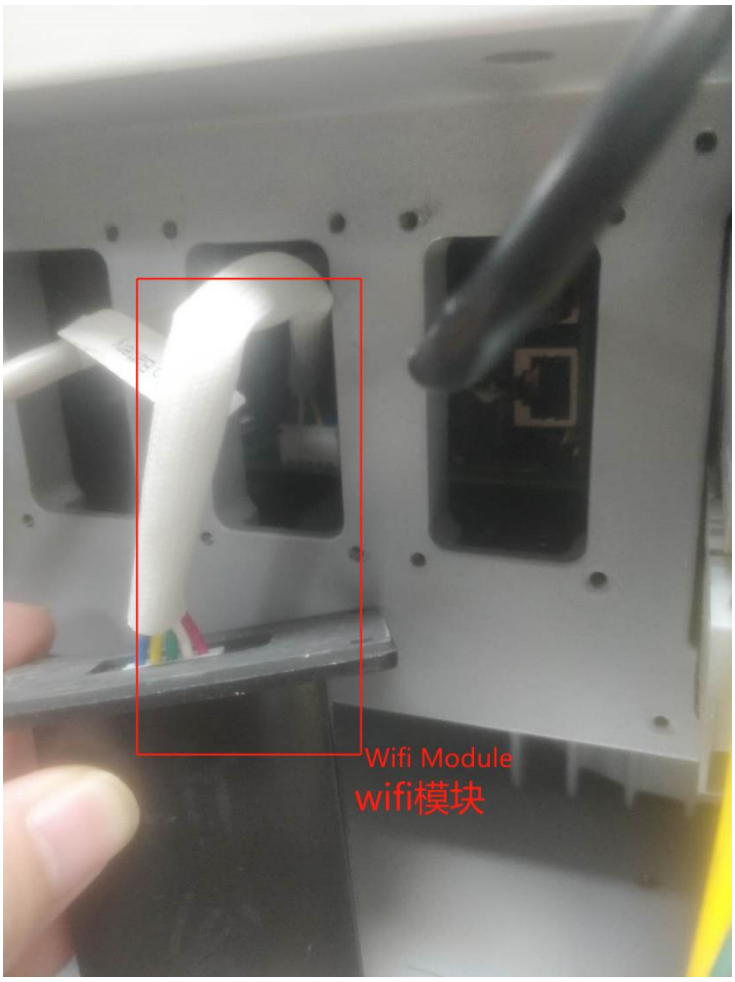




The Hall sensor uses the single-phase cable through the hall as shown in the picture, according to the connection direction identified on the sensor.

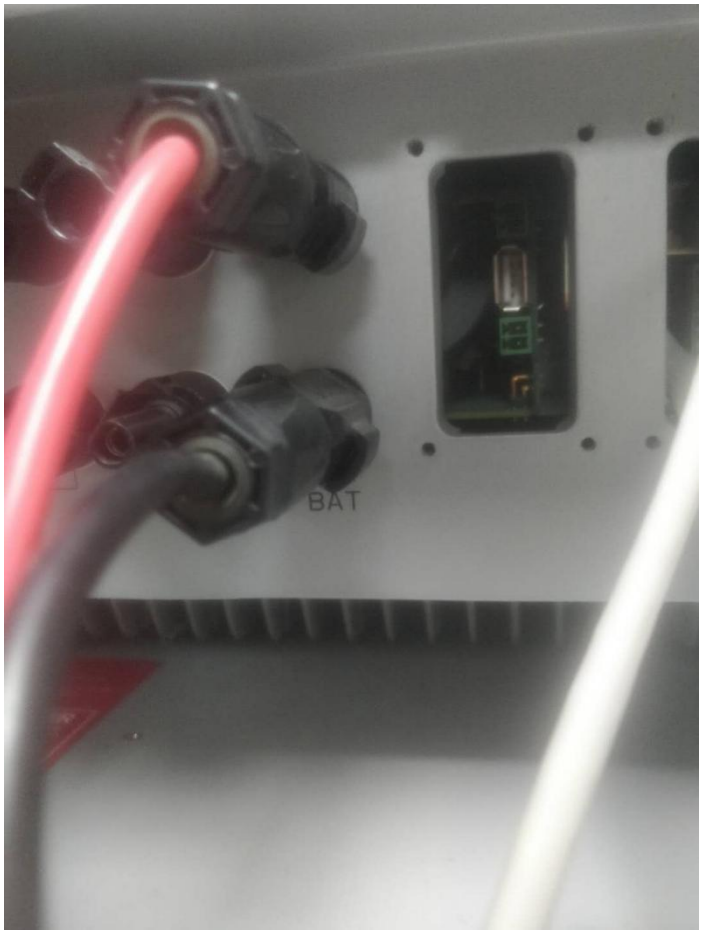
Communication cables connection:


ON-GRID
连接电表
Connect to the kWh-meter


Wifi Module
wifi模块

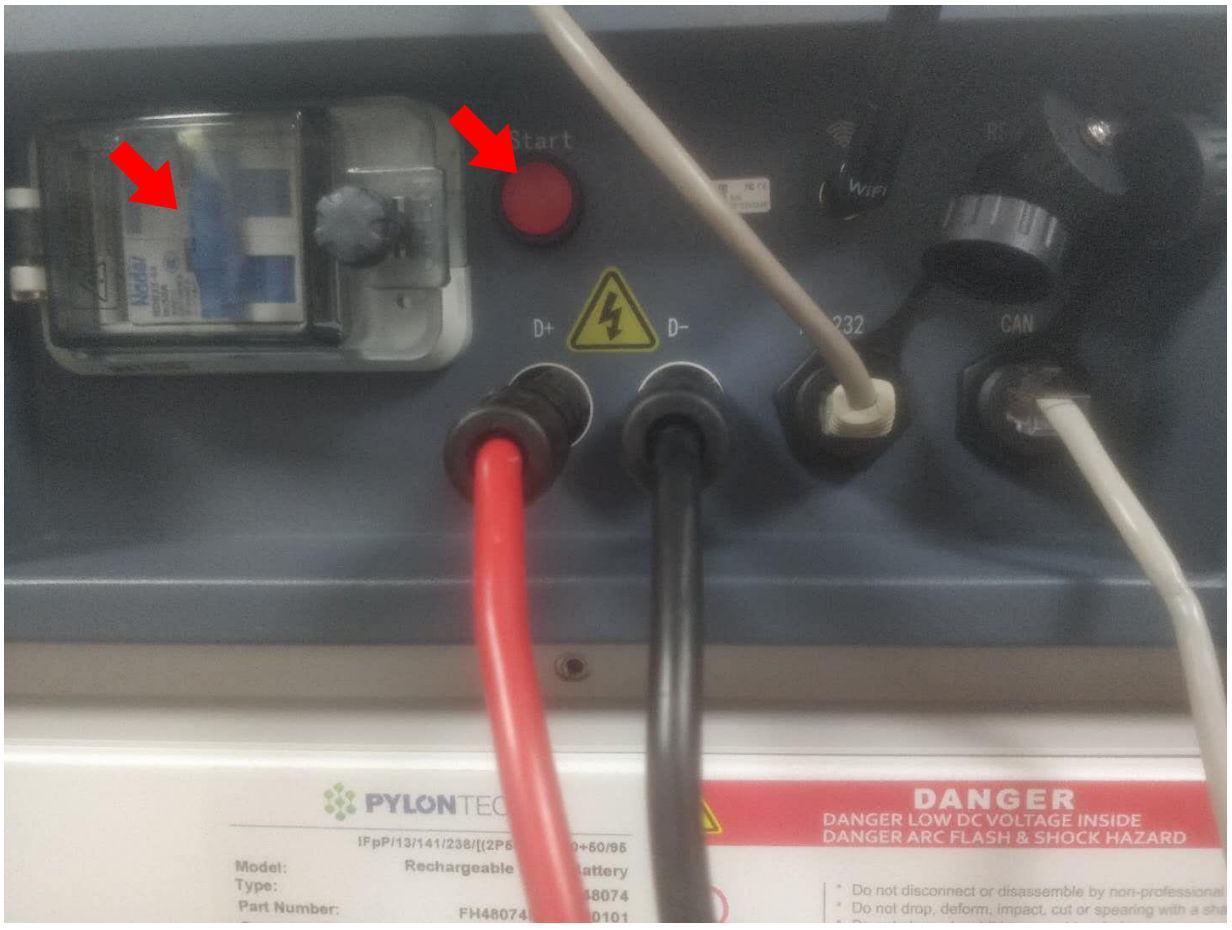

Connect to the CAN port of the battery
连接电池CAN通讯口

3. D+, D- of the BMS connect to the BAT+, BAT- of the inverter.



To turn on the battery:

4. Turn on the Power Switch, Then press the red button (start button) 1~2sec, until the buzzer beeps once.



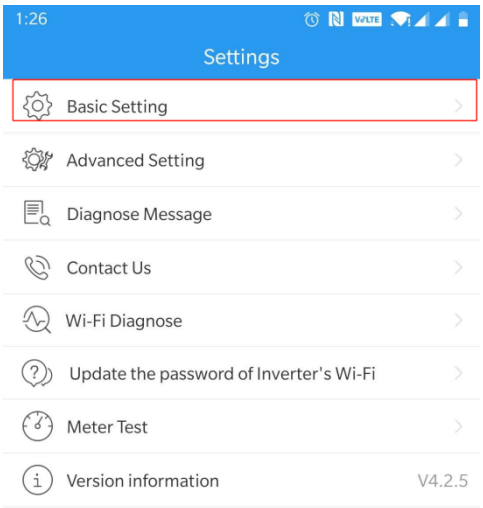
APP of the inverter:

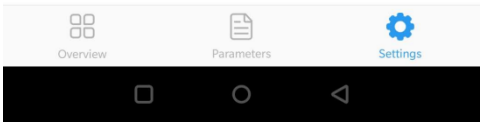
5. In the APP store download the APP “PV Master”.

Open the WLAN setting in the phone. Link the WIFI hot shares of the inverter (wifi password normally is 12345678)

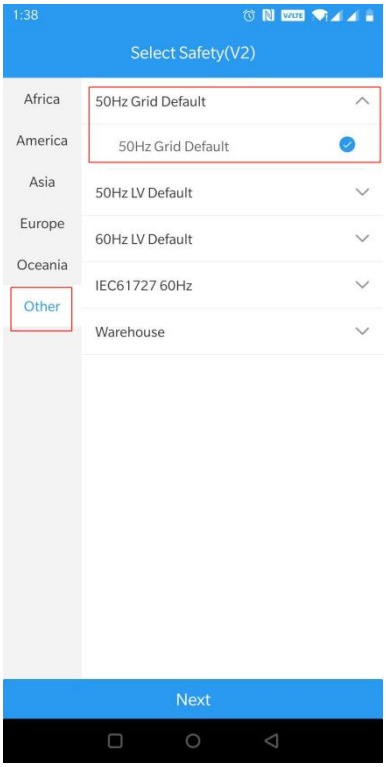




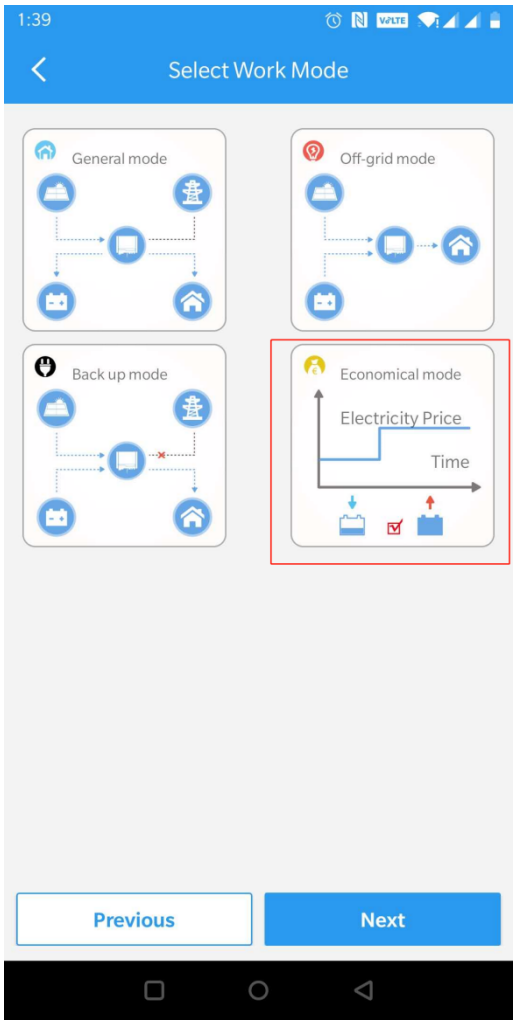


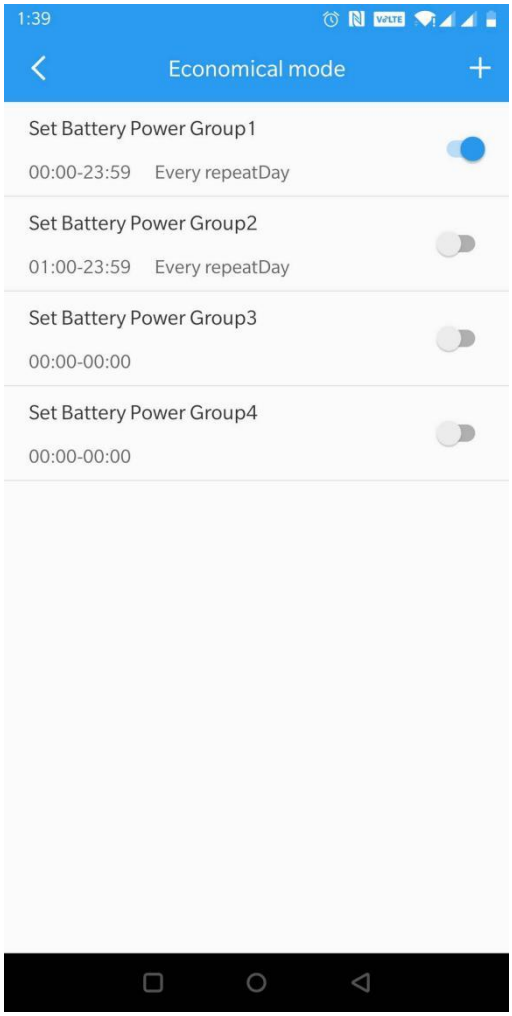


6. Enter the Basic Setting, the password is “goodwe2010”



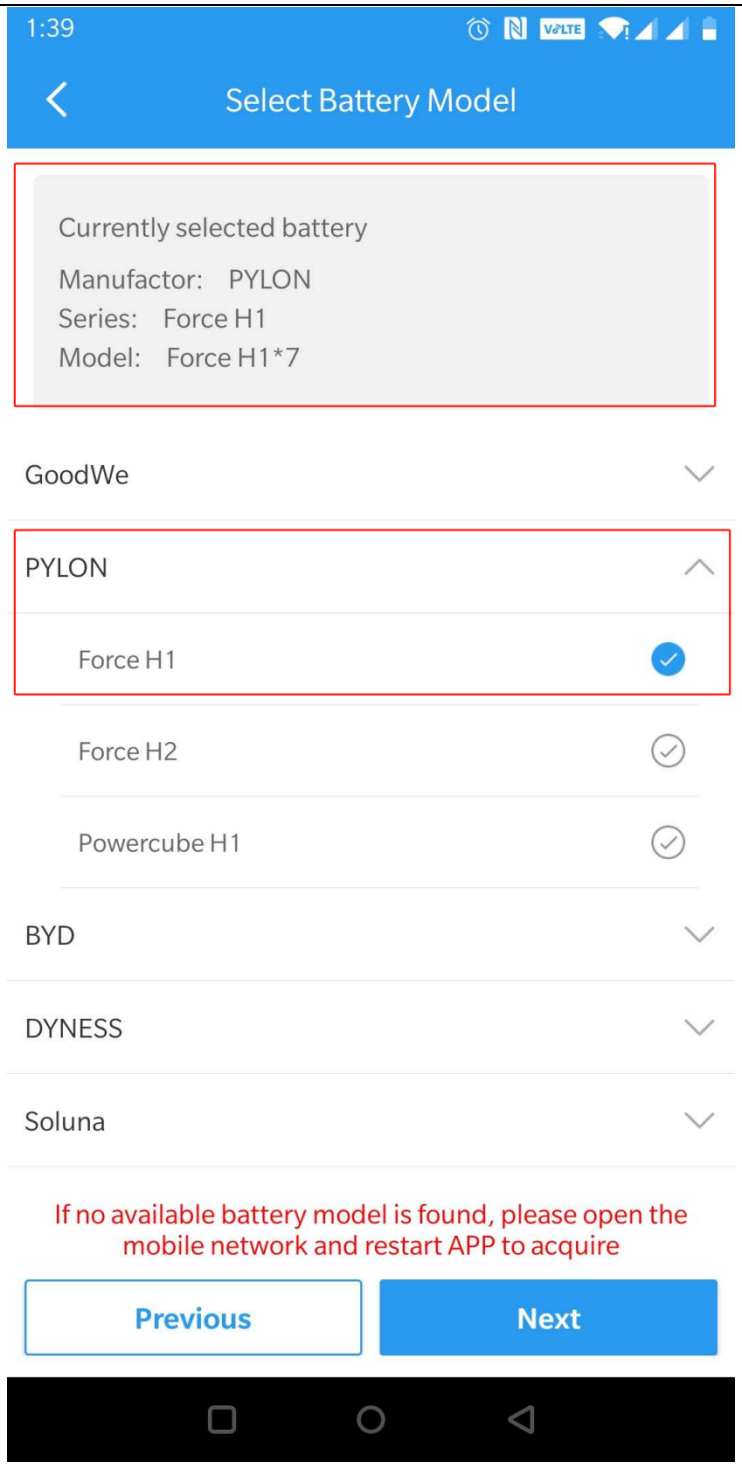
If the local grid is 220V/50Hz can setup it as follow:



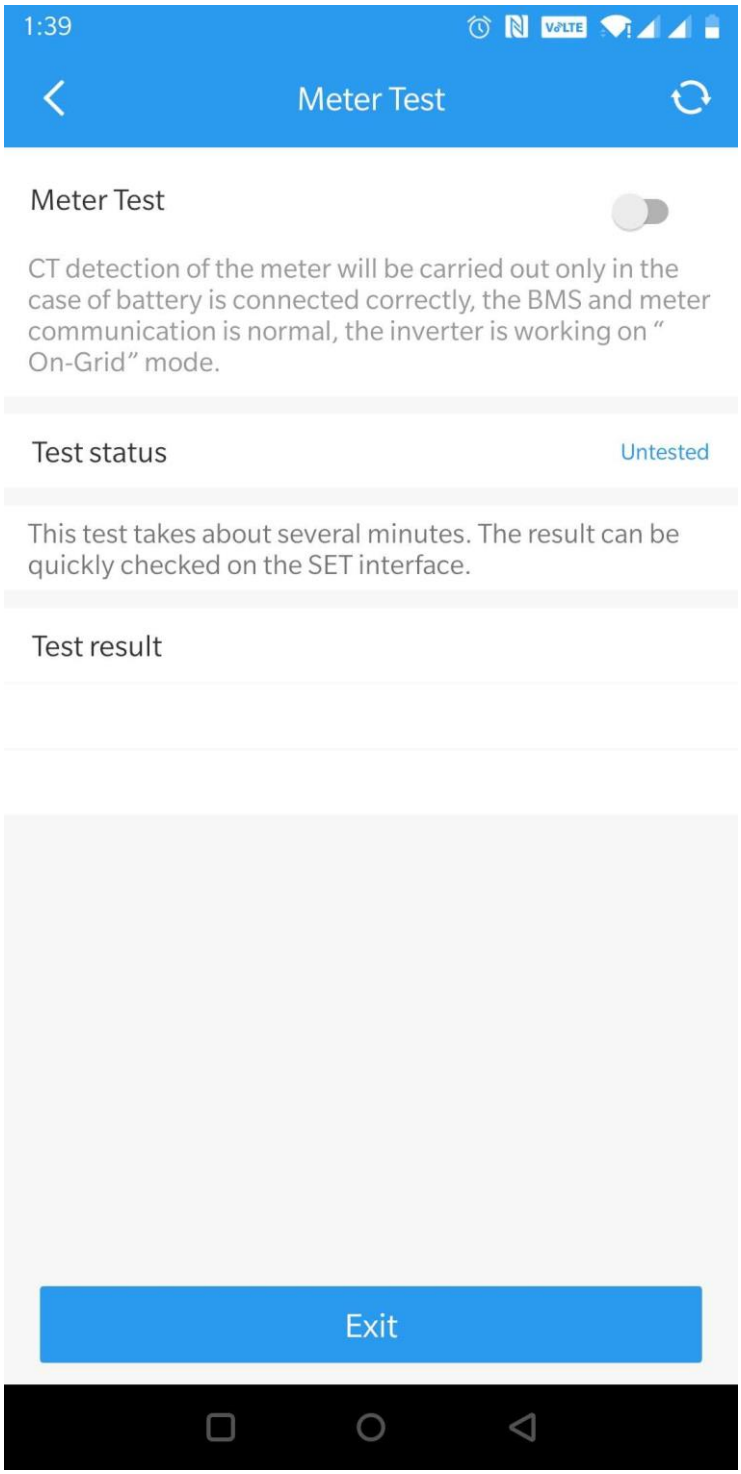




7. Force charge setup: choose the Economic Mode.
   Then set up the time 00:00-23:59, Charge mode, Every repeat Day.
   For the first time force charge please set a time period of 2hrs. The target is to charge the battery SOC to above 95%, or ideally 100%. If after 2hrs of charging the SOC didn`t reach 95%, repeat the process.



8. Select Battery Model as “PYLON Force H1”. If the inverter can communicate with BMS normally, the inverter can read how many battery modules. Then show the battery info in the page.



9. It will reach this page at last. Click Exit, And will note you to restart the inverter. Restart the inverter will active this setting.