

FH-100 PAR METER



Advantages

- Accurate testing
- Small size and easy to carry
- Save human effort
- APP control

Connect PAR Meter with Smart Phone

1 Install "Tuya Smart"APP

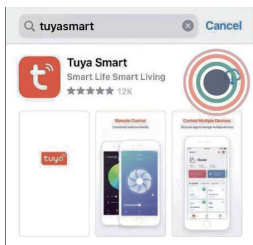
Method 1:

Scan the following QR Code.

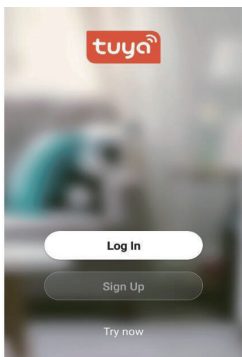


Method 2:

Download the APP from APP Store or Android market.



2 Sign Up and log in "Tuya Smart"

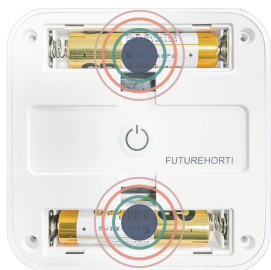


You can choose to click "Try now" to skip.

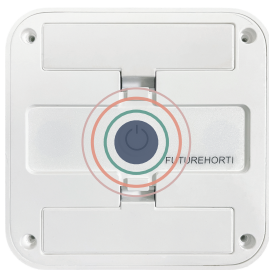
Turn on the Bluetooth on your smart phone.

OR

If you do not have a "Tuya Smart" account, "Sign Up" firstly. Once you have an account, "Log In" the APP with your account.



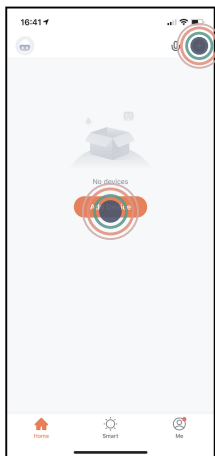
3. Install the battery.



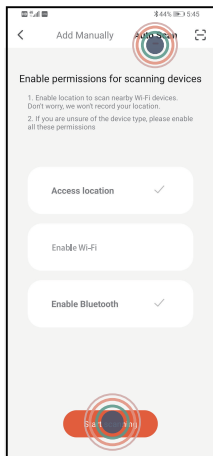
4. Press the bottom switch “” to turn on PAR Meter.



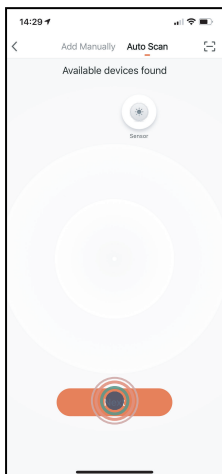
5. Press and hold the bottom switch “” of the PAR Meter until the green light flashes quickly to enter the pairing state with mobile phone.



6. Click “Add Device” or click “+” in the upper right corner.

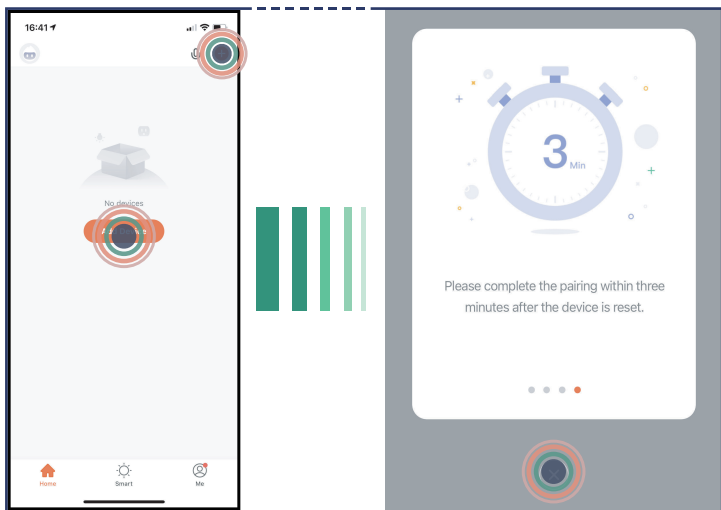


7. Click “Auto Scan”, then click “Access location” and make sure the Bluetooth is open, then click “Start scanning”.



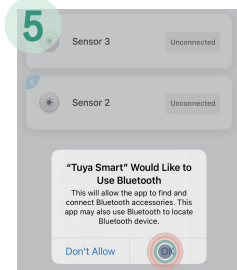
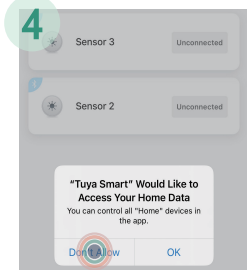
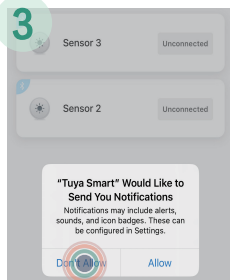
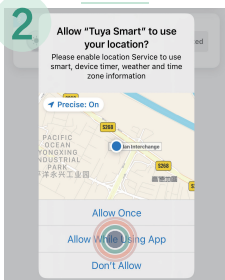
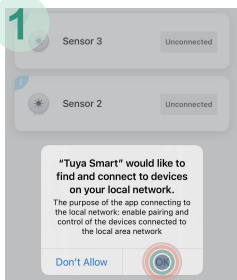
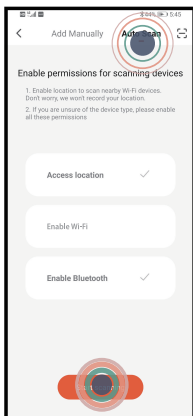
8. Click “Next” or “Go to add” after seeing “ ”.

1 Tips if use Android or Iphone

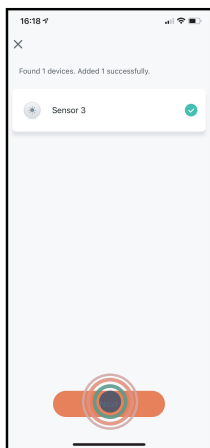


If use Android, a pop-up window will appear, please slide to the rightmost interface and click“⊗”.

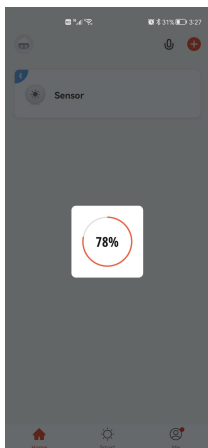
2 Tips if use Iphone :



If use an Iphone, need to agree to use your WIFI or phone network in the pop-up window. Need to agree to Tuya's agreement. Need to agree to obtain your location when using the APP. Need to agree to turn on Bluetooth.



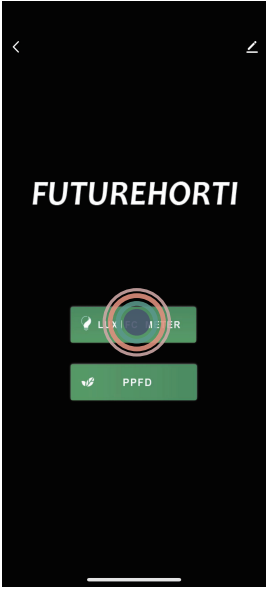
9. Click “Next”.



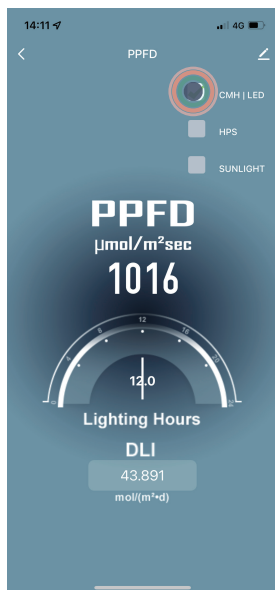
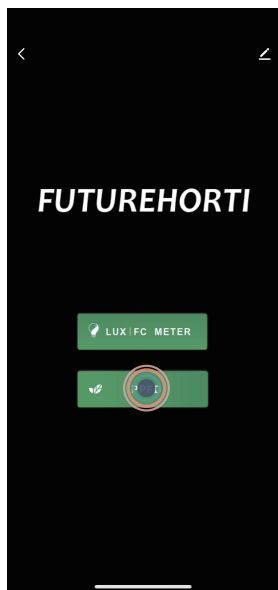
When connecting, ensure that the green light of the meter is flashing quickly.



10. Click “Done”.



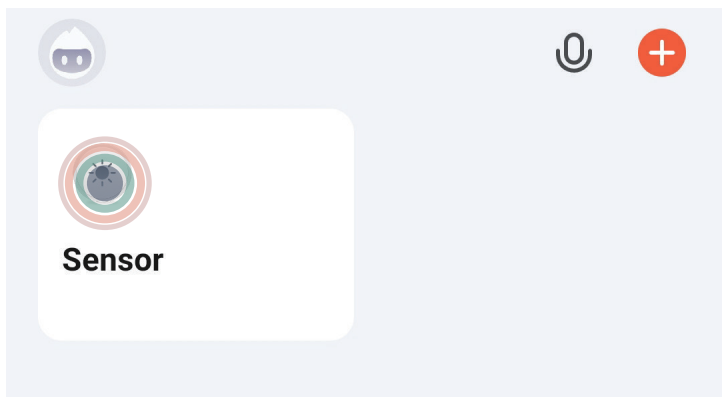
Choose to click LUX | FC Meter to test LUX | FC. Please select the type of light source that needs to be tested firstly. Available for LED | CMH, HPS, SUNLIGHT test. Then the corresponding LUX | FC value will appear on the interface.



Choose to click PPFD to test PPFD. Please select the type of light source that needs to be tested firstly. Available for LED | CMH, HPS, SUNLIGHT test. Then the corresponding PPFD value will appear on the interface.

It can also calculate Daily Light Integral. Please slide the dial to select the time you need to light, you can choose 0.5, 1, 1.5...24 hours, and then the corresponding DLI data will be automatically calculated.

Remark 1:



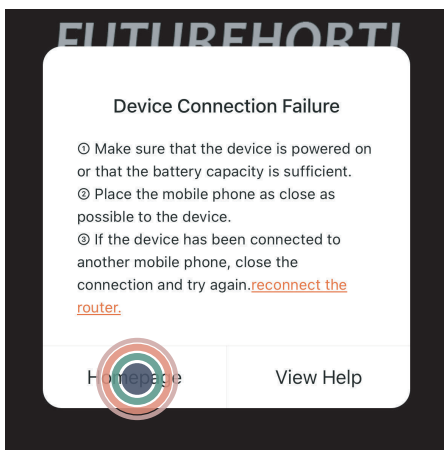
1. After you have connected to the PAR Meter, when you use it next time, you only need to open the PAR Meter by press “  ” about 1 second. No more than 3 seconds! Because this will re-enter into the pairing state. Then open Bluetooth and Tuya software, when

 change to  , or when  change to

 , click the corresponding Sensor icon, and you can use it. No need to pairing the meter and the phone every time.

2. The max lux which the meter can test is 400,000lx. The max PPFD which the meter can test is 6000 $\mu\text{mol}/(\text{m}^2 \text{ s})$.

Remark 2:

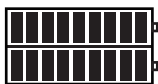


3. Only one mobile phone (A) was already connected to the same LUX | PAR Meter. If you connected B mobile phone and then use A phone again, the popup window of “Device Connection Failure” will appear. You need to pair it again by repeat operation on page 3.

4. When the LUX | PPFD value is 0 and lasts for 60 seconds, it will automatically shut down.

5. If the red light flashes quickly after booting, it means that the battery is no power and needs to be replaced immediately.

Fittings



AAA battery

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.