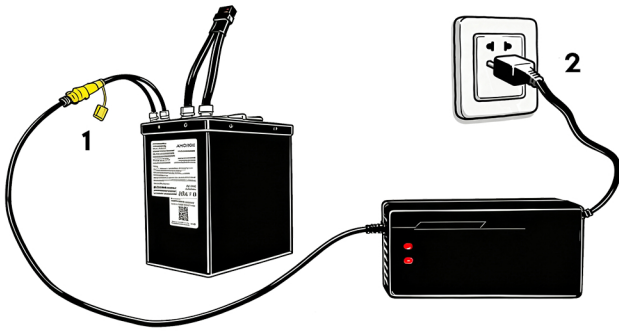


How to connect ANT BMS



Before connecting, two steps to active the bluetooth.

1. Connect the battery with charger.
2. Connect the charger with wall socket or power strip.

Download the ANT BMS APP

- 1) if iPhone, can search "ANT BMS" in the app store to download and install
- 2) if Android phone, please go to amorge page <https://www.amorge.com/bluetooth-apps> download the ANT_BMS.apk file to install.
- 3) Scan the QR code on the battery to go to the download page, or scan the following QR code.

Bluetooth Function

Only charge or discharge will active the bluetooth

1. Search "ANT BMS" in your apps store and install.
2. Or scan the QR code and go to the download page.



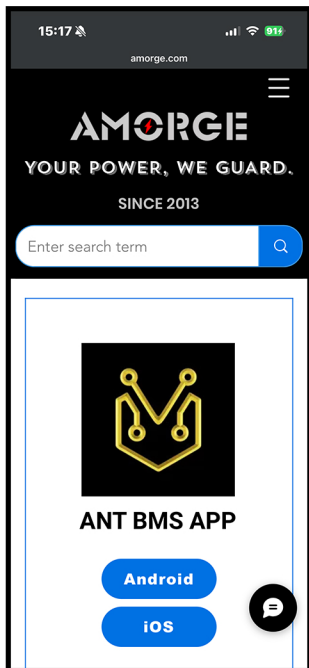
download QR code



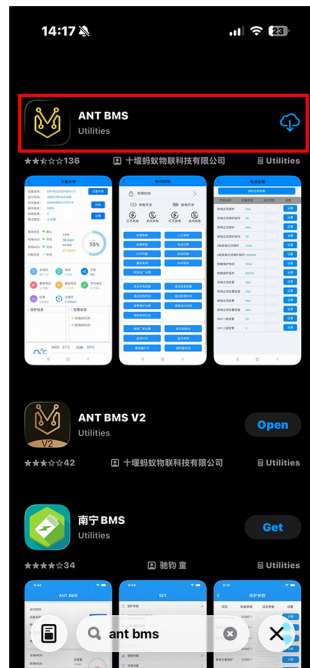
instruction video QR code

Or can directly visit the download page:
<https://www.amorge.com/bluetooth-apps>

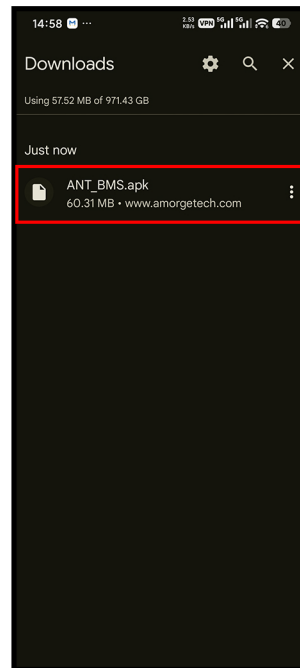
AMORGE



The download page



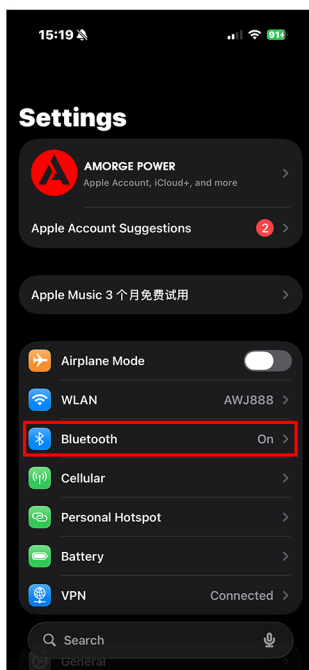
ANT BMS App in app store



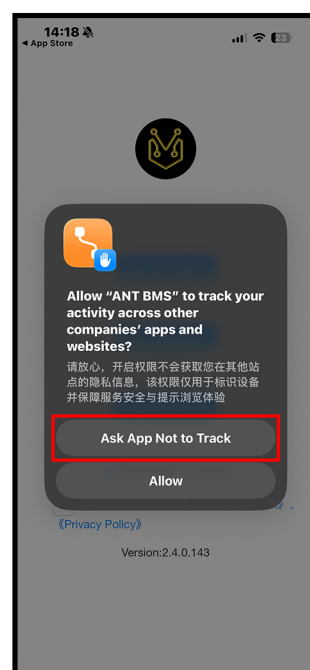
ANT_BMS.apk for android phone



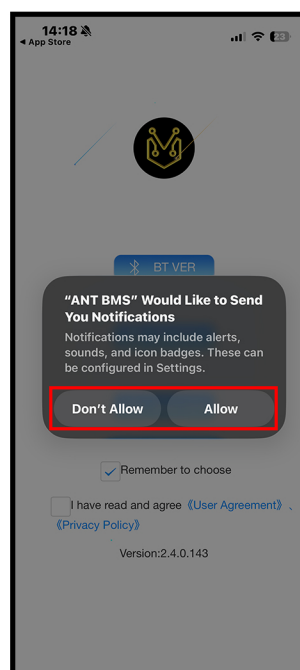
intalled ANT BMS app



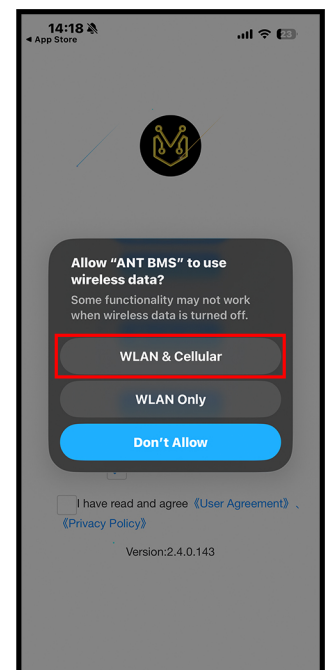
Please confirm your phone
Bluetooth switch is on
before open the app



Ask App Not to Track



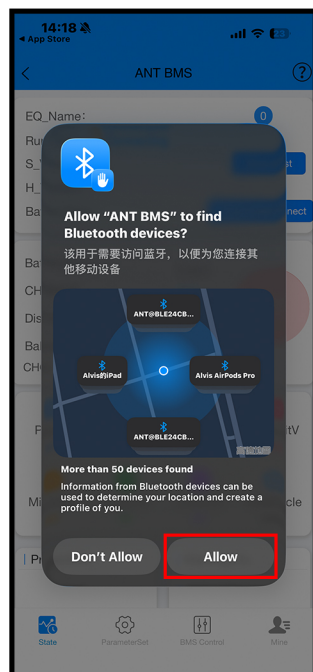
Don't Allow or Allow "ANT BMS"
to send notifications are ok



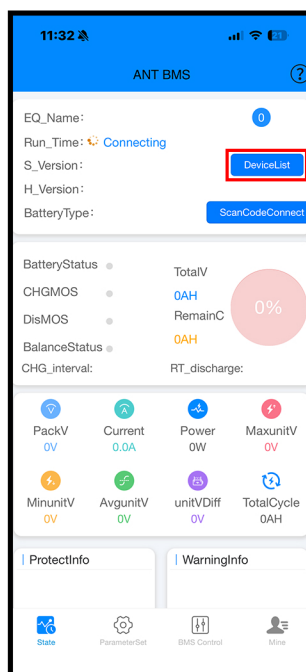
Click WLAN & Cellular



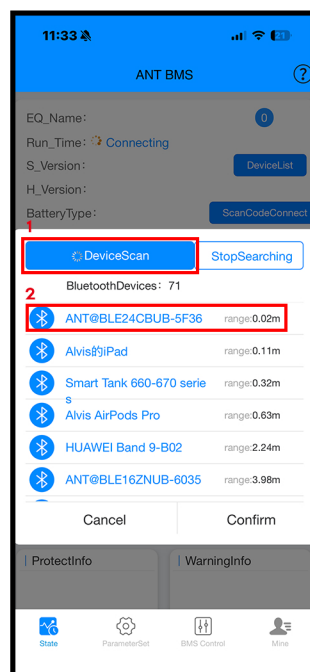
- 1) Agree user agreement and privacy policy
- 2) Click BT VER



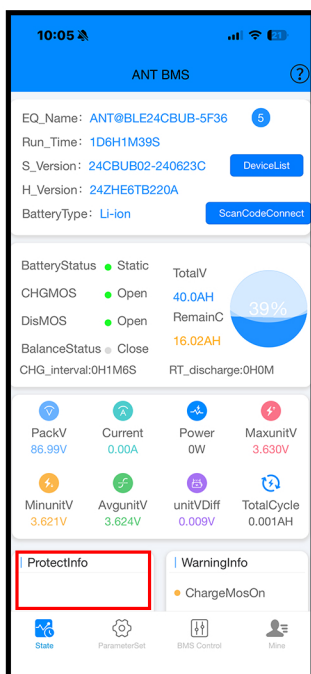
- Allow "ANT BMS" to find Bluetooth devices



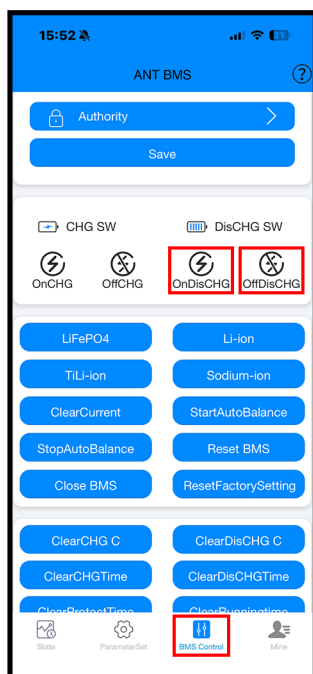
- Click DeviceList



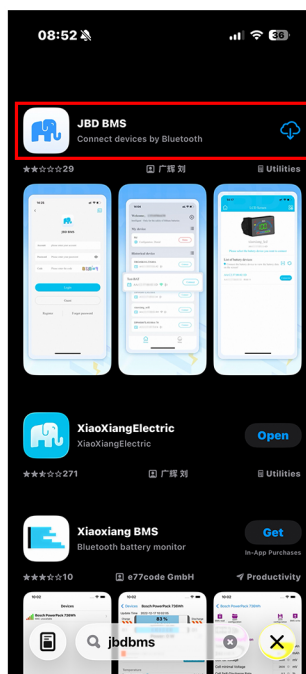
- 1) Click DeviceScan
- 2) Click the Bluetooth that need to connect



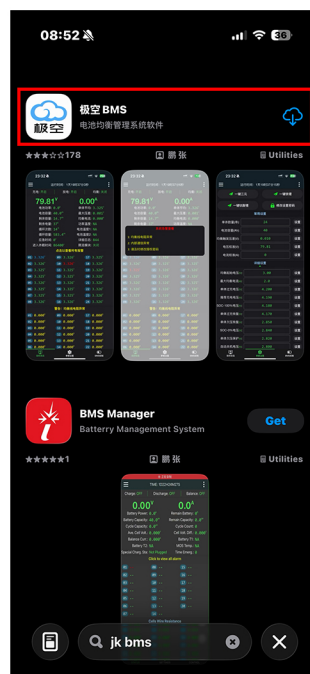
- 1) after connected and reading successfully all information are showed.
- 2) normally the ProtectInfo should show blank, no ProtectInfo means battery is in good condition.



- 1) The OnDisCHG and OffDisCHG switch is in the BMS Control
- 2) When installing the battery, recommend to click OffDisCHG to turn off the discharge.
- 3) After factory installed correctly, click OnDisCHG to turn on the discharge.



- If your battery is build with JBD BMS, please search and install JBD BMS in your APP Store



- If your battery is build with JK BMS, please search and install JK BMS in your APP Store

AMORGE Battery Care Tips

1. Battery fixed and protection:
The battery should be Installed securely without any looseness to prevent collision with the frame or dropping.
2. Avoid overcharging and overdischarging:
Maintaining a lithium battery charge between 20% and 80% significantly extends its lifespan. Avoid charging below 10% or staying at full voltage for long time.
3. Use the original charger:
Low-quality chargers may cause current instability and accelerate battery aging.
4. Prioritize slow charging:
Fast charging is convenient, but long-term use can accelerate the aging of electrode materials. Slower charging is recommended.
5. Avoid high-temperature environments:
Keep the battery out of direct sunlight during charging or storage. Temperatures above 45° C (113° F) accelerate capacity degradation.
6. Low-temperature protection:
Avoid charging below 0° C (32° F) to prevent lithium dendrite formation and short circuits.
7. Reduce high-rate discharge:
Rapid acceleration or braking increases battery stress; driving at a steady speed is more beneficial for battery protection.
8. Regularly deep discharge:
Use the battery to 20% and then fully charge it once or twice a month to calibrate the battery management system (BMS).
9. If not use, please charge the battery to 80% every two months to avoid storing with empty power.