

## **Sharing Electric Scooter Lock with GPS Tracking and APP Unlocked Locked**

Omni electric scooter sharing solution exact match e-scooter sharing and rental business. Custom is available. And, we can help to provide technical specifications to communicate with the scooter using your App and to send the GPS information to your own server.

**The important parts are electric bike locks and electric bike app of scooter solutions.**



# Scooter Lock Solution



## What are the functions of smart electric scooter locks?

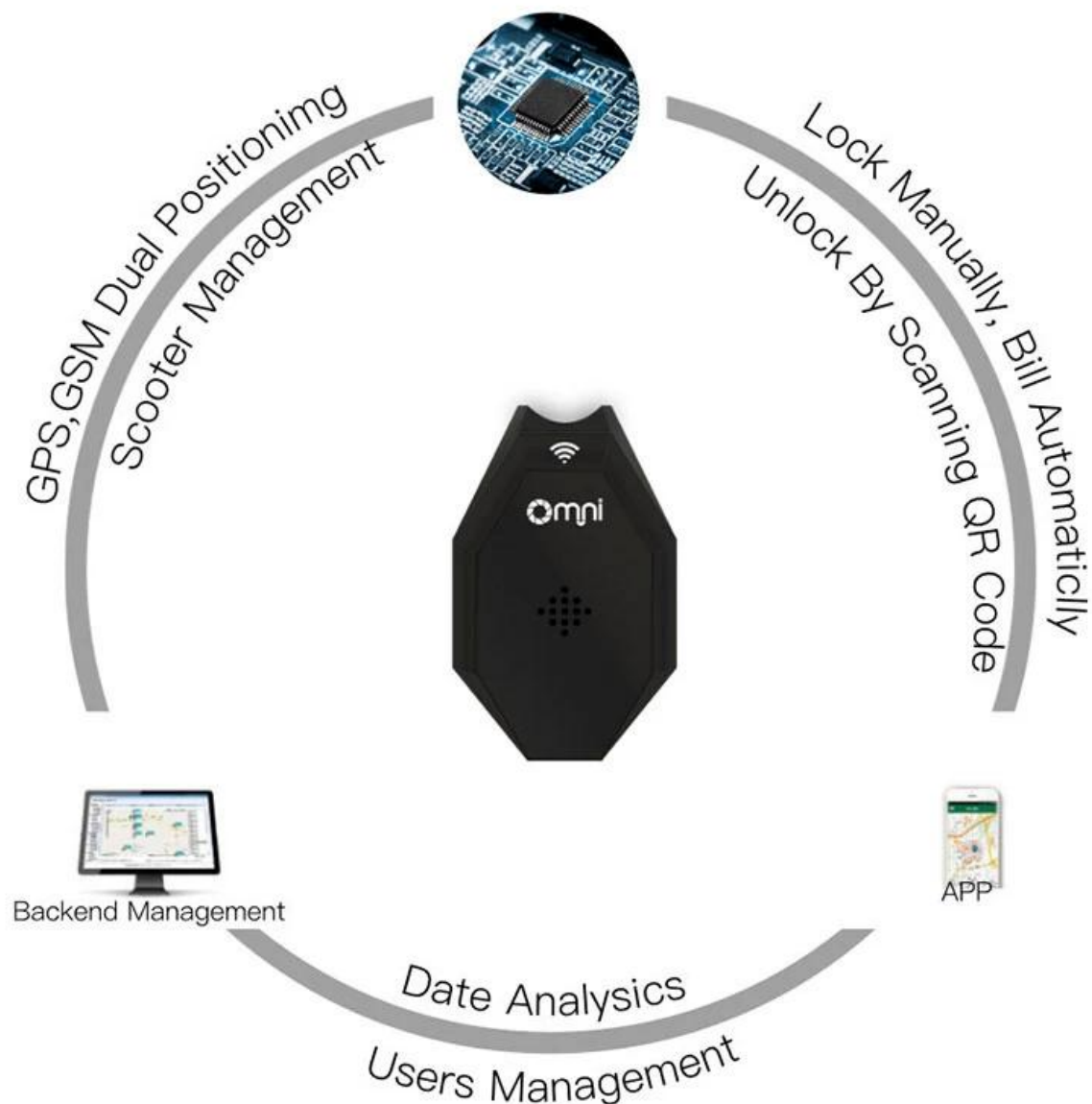
- 1, **Remote locking and unlocking:** Users can lock and unlock the scooter remotely using the electric scooter app.
- 2, **Anti-theft features:** The electric scooter locks have motion detection and alarms. If the scooter is moved or tampered with while locked, the app can send an alert to the owner.
- 3, **Secure sharing:** The electric scooter locks are controlled by the electric scooter app to grant access only to authorized individuals.
- 4, **Geo-fencing:** Allowing users to define virtual boundaries. If the scooter is taken outside the designated area, the app can send notifications to the owner or

initiate security measures.

5, **GPS tracking system:** Smart electric scooter locks include GPS tracking technology, enabling owners to track the scooter's location in real-time. This feature can be useful for recovering stolen scooters or monitoring fleet status.

6, **Battery monitoring:** Electric scooter locks provide information about the scooter's battery level through the app, helping users plan their rides based on remaining charge.

## Introduction



# Scooter Lock

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SMART UNLOCK

SAFE  
SMART



APP



## What are the functions of electric bike app?

- 1, Rental and payment: For scooter-sharing services, the **electric bike app** enables users to scan to the QR code and unlock them, and make payments for the rental. Users can typically pay through the electric scooter app using various payment methods.
- 2, Navigation: The app might include navigation features to help users find the nearest scooter, plan routes, and navigate to their destination.
- 3, Electric scooter lock control: Users can control the locking and unlocking of the scooter through the app, offering a convenient way to secure the scooter when not in use.

- 4, Ride tracking: Many apps record ride details, such as distance traveled, duration, and route taken. This information can be useful for personal tracking and analytics.
- 5, Battery information: The app might display real-time battery status, estimated range, and charging station locations.
- 6, Maintenance alerts: Some apps provide notifications when the scooter needs maintenance or servicing, ensuring safe and reliable operation.
- 7, Customer support: The app often includes customer support features, allowing users to report issues, ask questions, and receive assistance.
- 8, User profiles: Users can create and manage profiles within the app, enabling personalized settings, ride history, and preferences.
- 9, Promotions and rewards: Apps may offer promotions, discounts, and loyalty programs to encourage users to continue using the service.
- 10, Safety guidelines: electric scooter app include safety tips and guidelines to educate users about responsible riding practices.

# Scooter Lock

Smart SOC

FAST  
SAFE



Smart SOC



# Shared charging scheme

## Intelligent pile charging

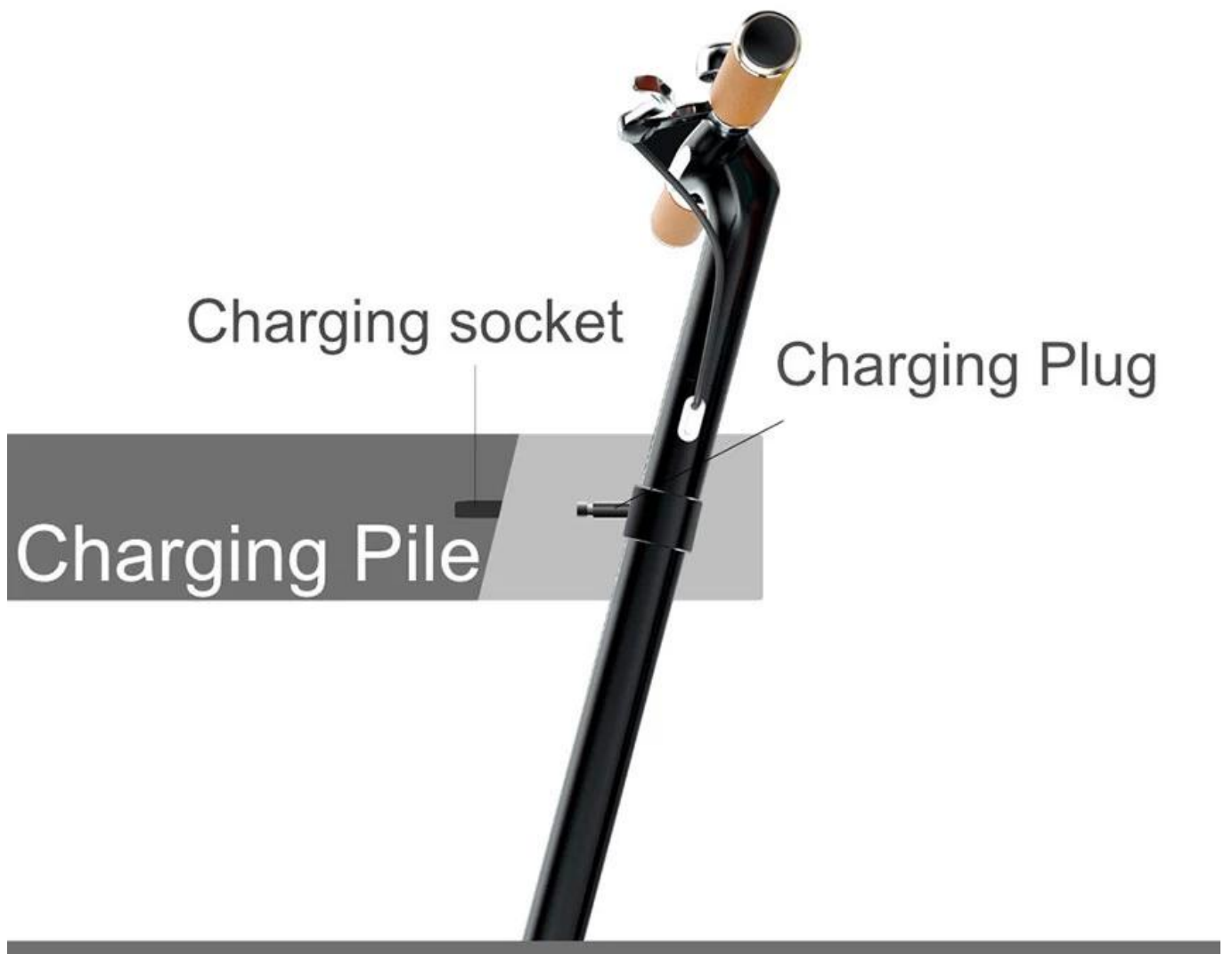
Solves the problems of battery life and parking

Parking charge

Automatic positioning



# Shared charging scheme



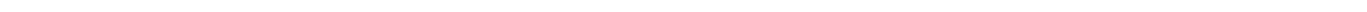


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Charging Pile

When parking, plug the car's charging plug into the pile to charge

Scooter



# DISPLAY

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# DURABILITY

It can withstand harsh weather as low as  $-20^{\circ}\text{C}$  and as high as  $60^{\circ}\text{C}$ . It is weather-resistant up to IP66 standards.



IP Rate : IP66

Operating Temperature :  $-20^{\circ}\text{C}$  ~  $+60^{\circ}\text{C}$

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The integration of smart locks and apps in electric scooters provides users with a more convenient, secure, and connected experience, while also enabling scooter-sharing programs to manage their fleets effectively.



# Flow chart



Workshop



Exhibition



Package



R&D Team



Sale Team



Business Negotiations



Shipping

## Scooter Sharing Rental System