

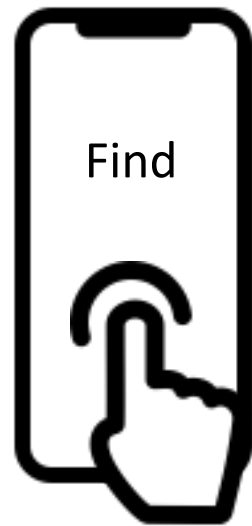


NIU Sharing

A Comprehensive Solution For Free
Float Scooter Sharing

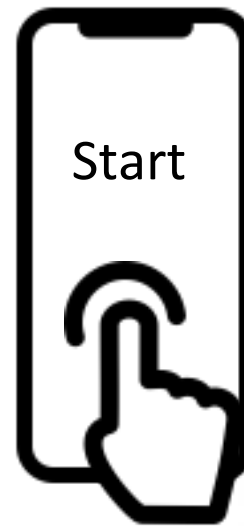


User-Friendly Rental Process - USERS



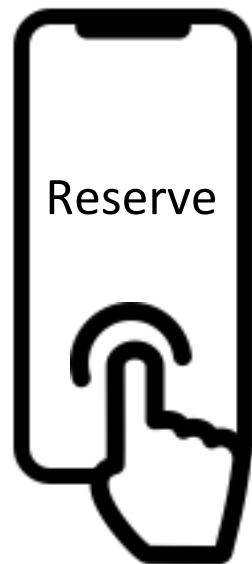
Find

1. Find your nearest scooter.



Start

4. Press START to unlock and turn on the scooter.

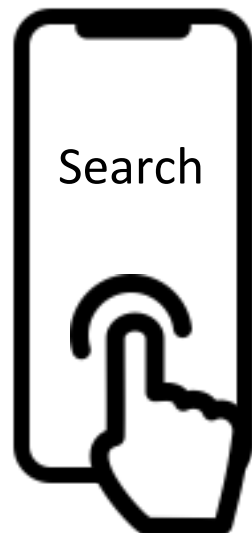


Reserve

2. Reserve the scooter.



5. Open the top-case to access the helmet.

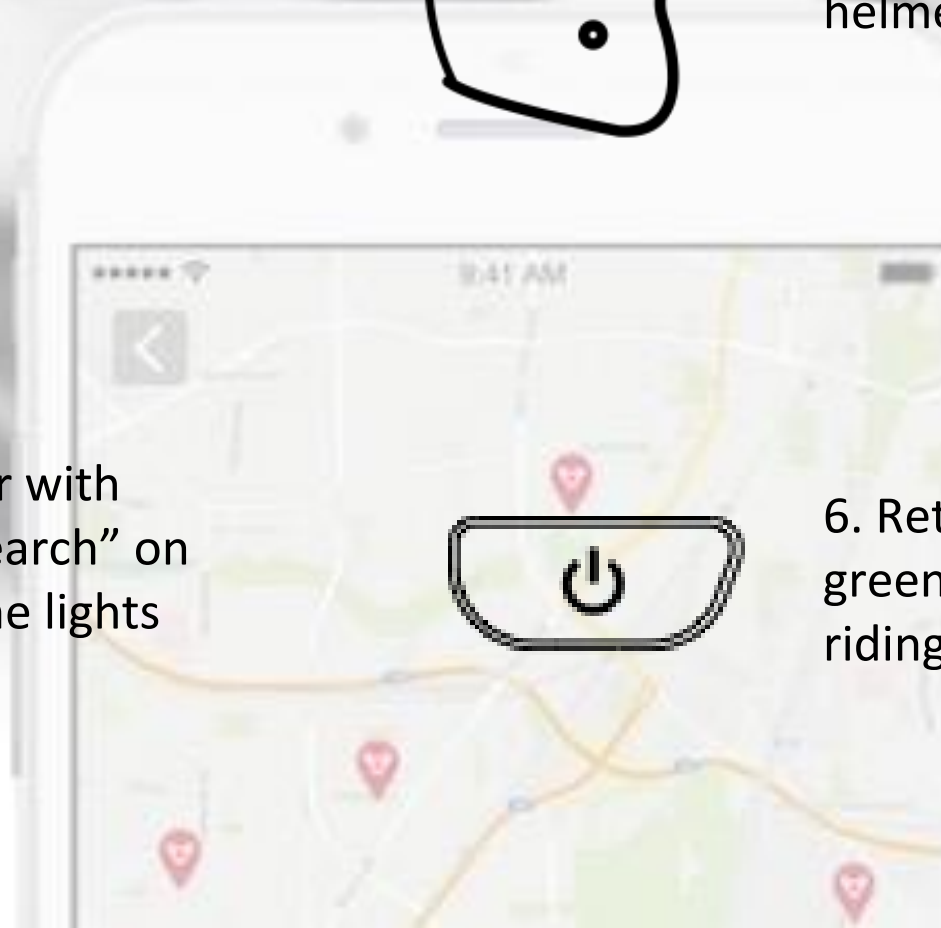


Search

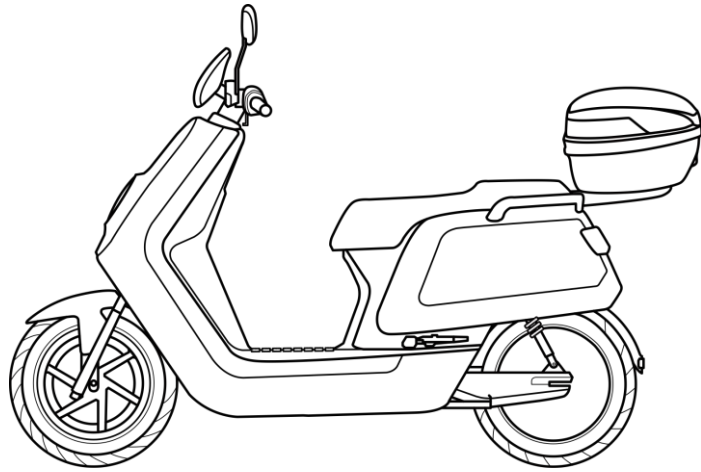
3. Find your scooter with ease by tapping "search" on your app to flash the lights and blip the horn.



6. Retract the kickstand and press the green button on the handlebar to start riding.



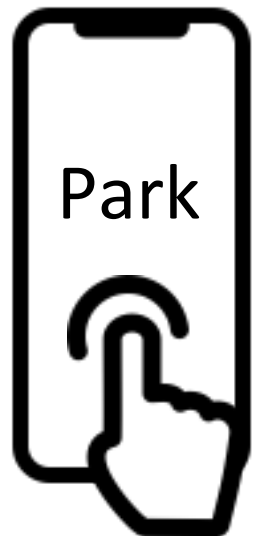
Returning Process - USERS



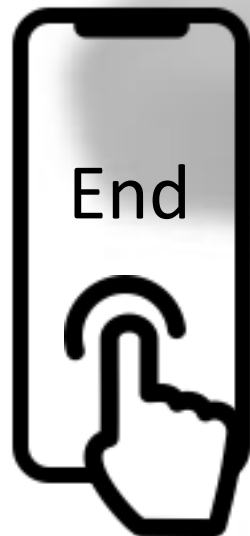
1. Park your scooter.



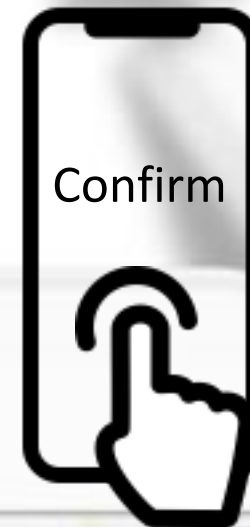
3. Return the helmets to the topcase and close the lid.



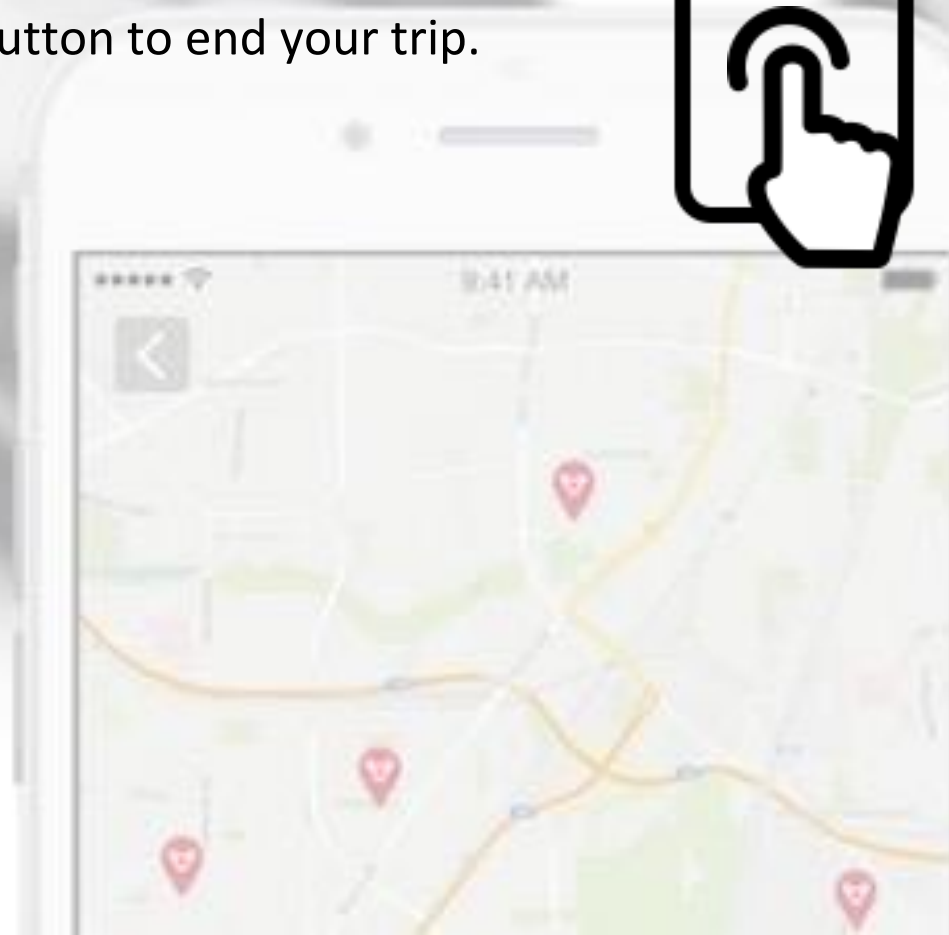
OR



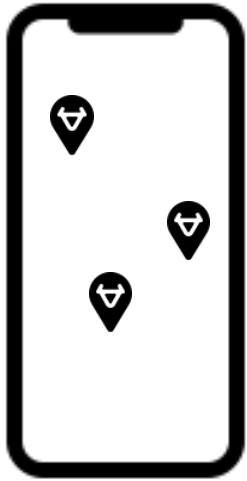
2. Press Park or End button to end your trip.



4. Press Confirm to complete the return process.



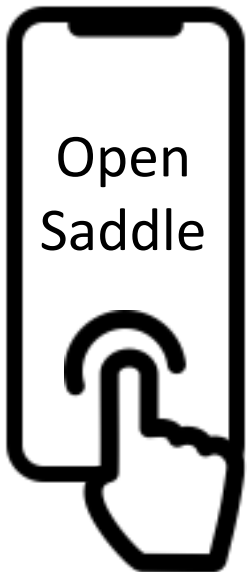
Replacing Batteries – FIELD ENGINEER



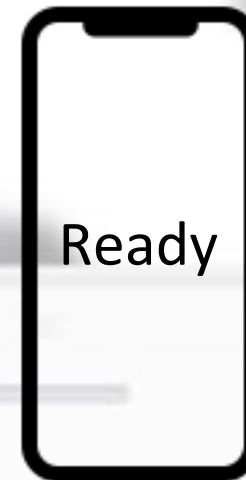
1. Use your app to find batteries with less than 20% charge.



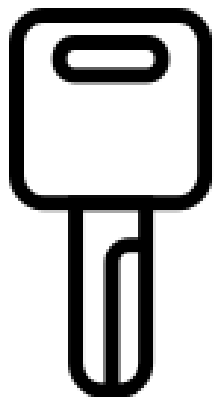
4. Replace the battery.



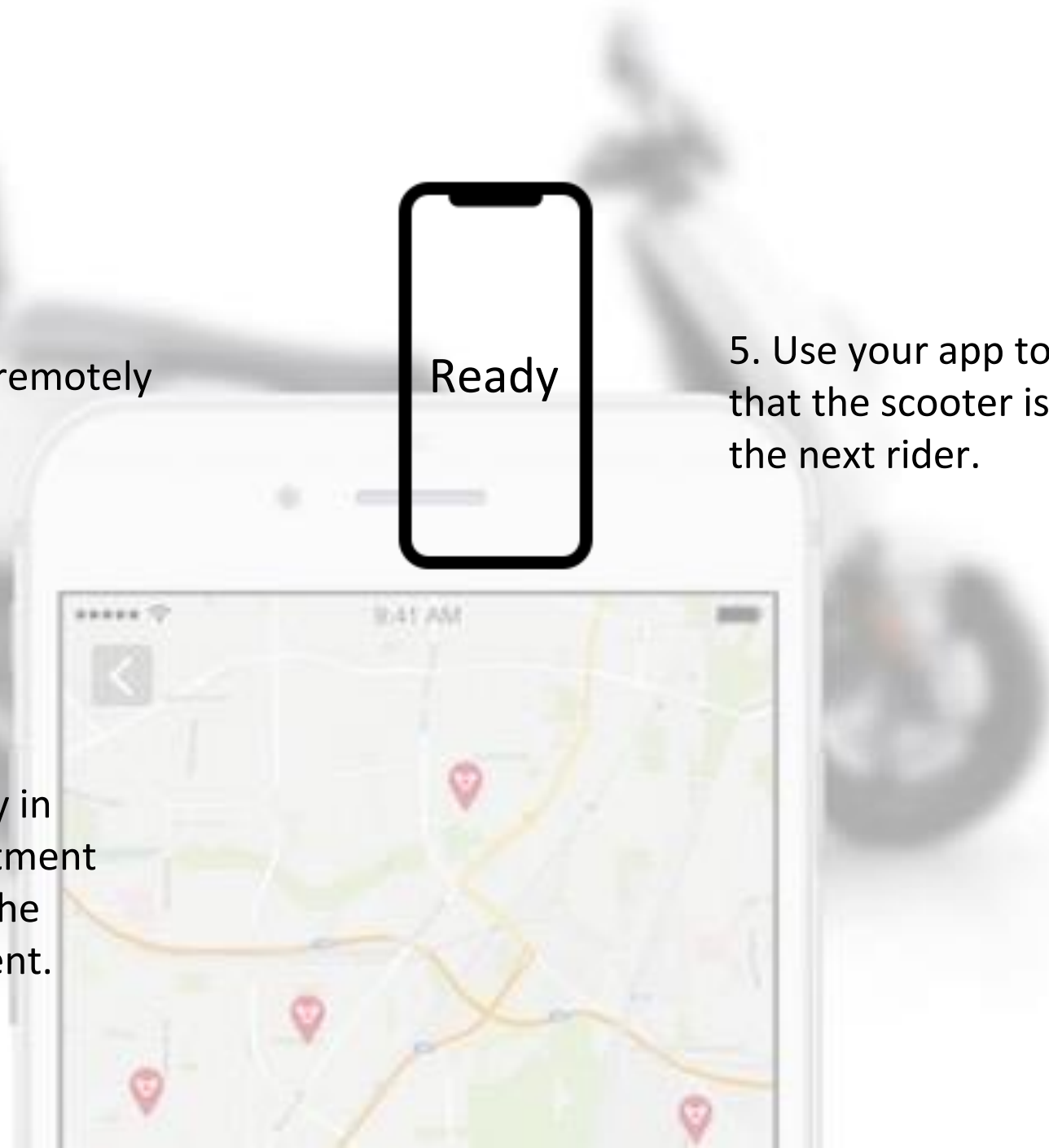
2. Use your app to remotely open the saddle.



5. Use your app to confirm that the scooter is ready for the next rider.



3. Use a Master Key in the saddle compartment keyhole to unlock the battery compartment.



Fully Connected



Built-in Cloud ECU

- Saving cost on telematics unit
- Ublox GPS module
- Six-axis Gyro Sensor
- 2/3/4G Data Transmission
- Effortless scooter management
- OTA update
- Accessible real-time data
- AES encrypted transmission
- Reliable AWS data storage
- Local data backup

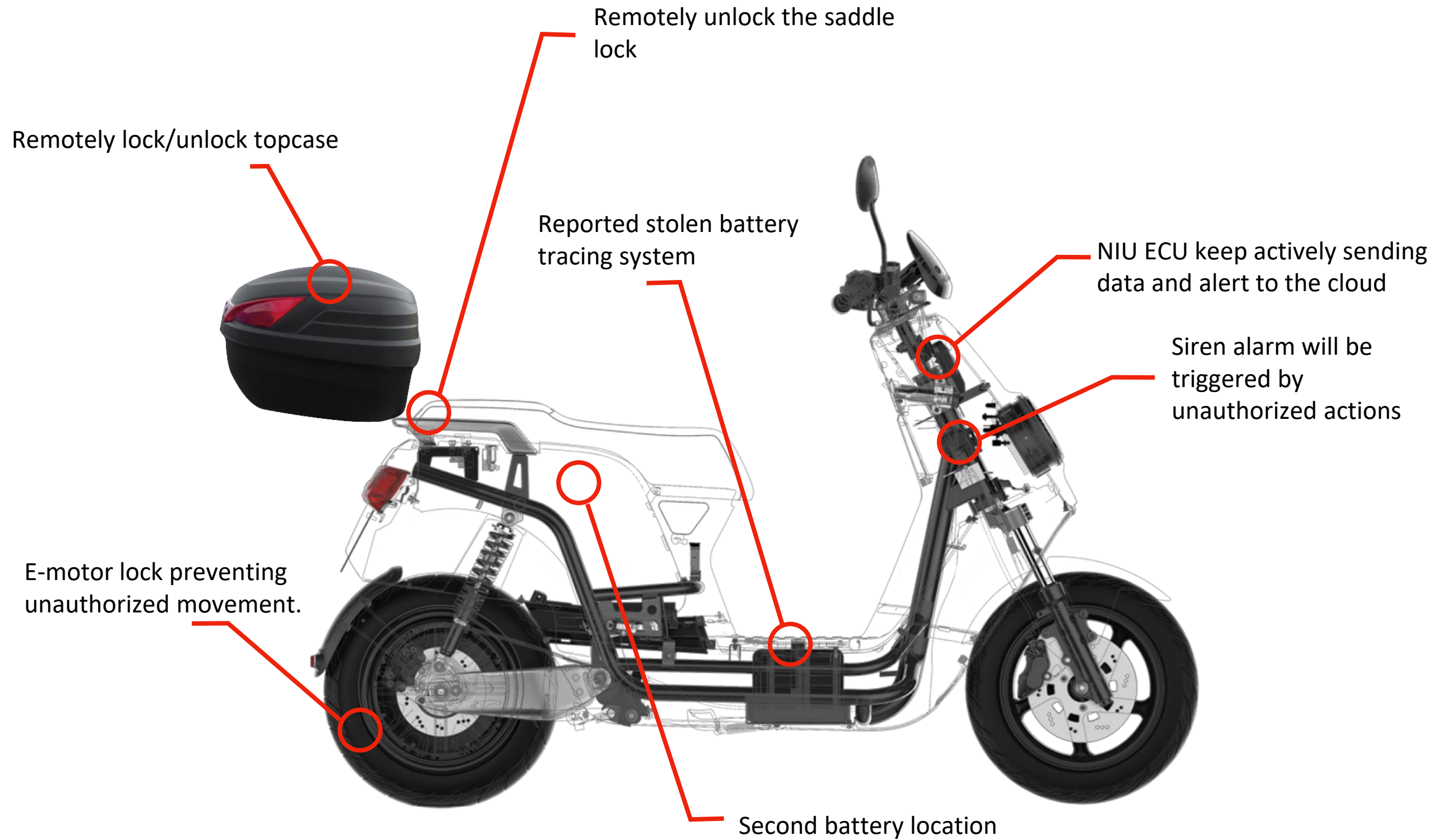
Real-time Data Collection

- Speed
- GPS coordinates
- Fall-over detection
- Battery status
- GSM, GPS signal strength
- Locked/Unlocked status
- Vehicle self-diagnosis

**check API document for more collective data*

**Webhook available for live updates*

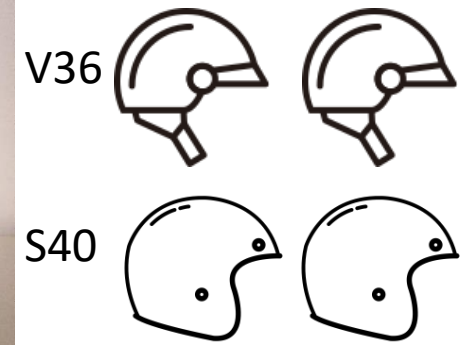
Fully Protected



Keyless Operation



Electronic Seat Lock



Electronically-locked Topcase



Remotely start/end



Strengthened Metal Tailbox Holder

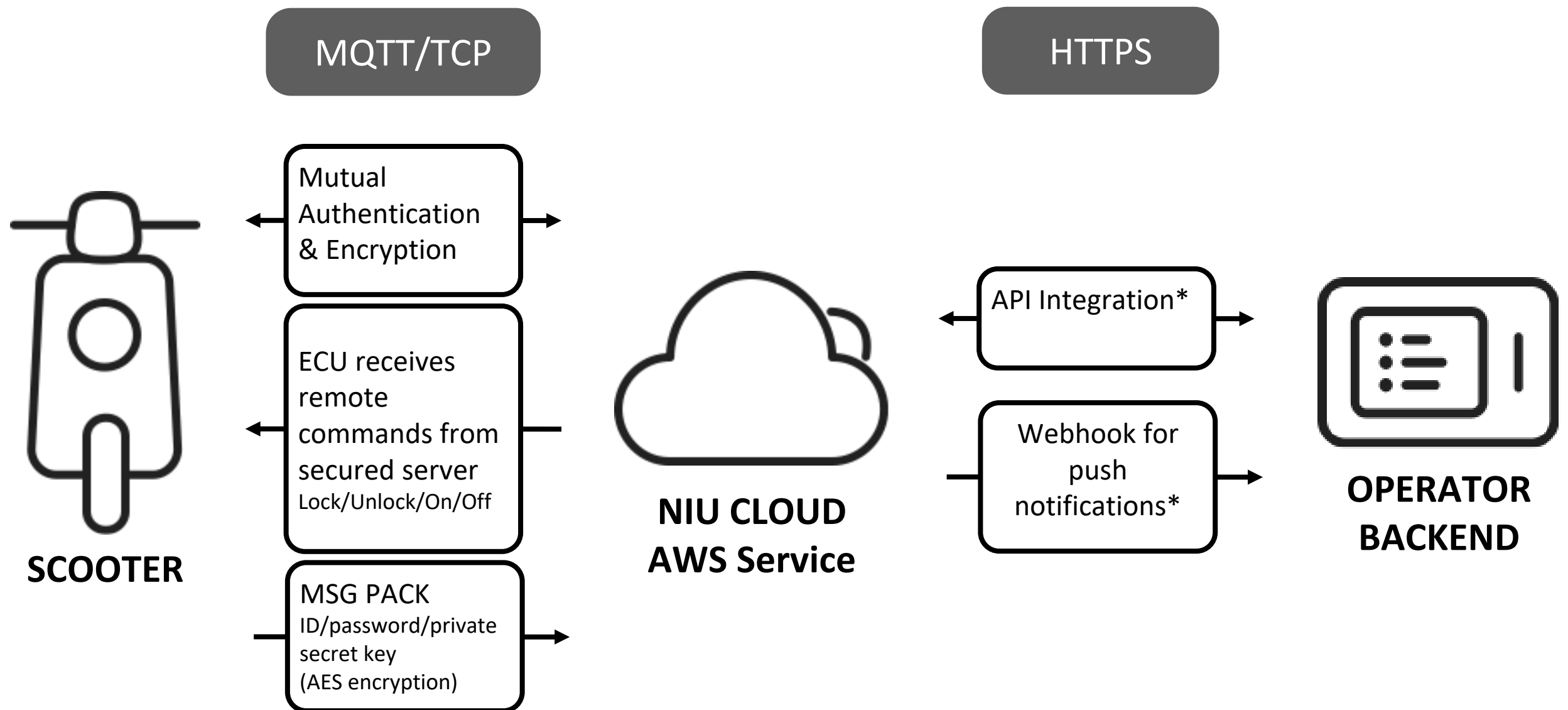


Seamless Integration

Our software is already optimized to work with the best fleet management programs in the industry, including Fleetbird, Invers, and Vulog. Link your API to our platform with just one line of code to save time and money getting off the ground.

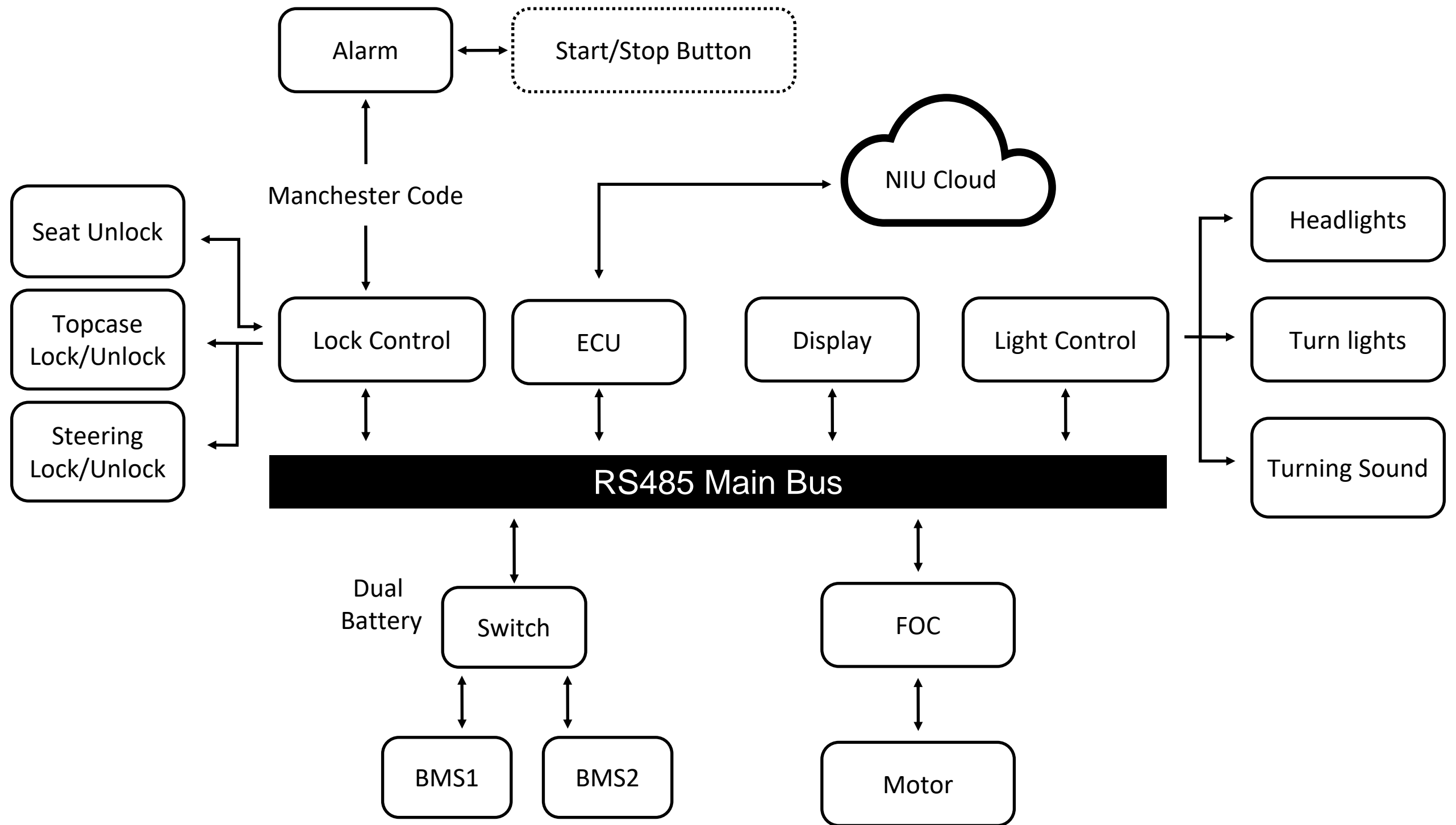


Open Platform for Third Party Integration

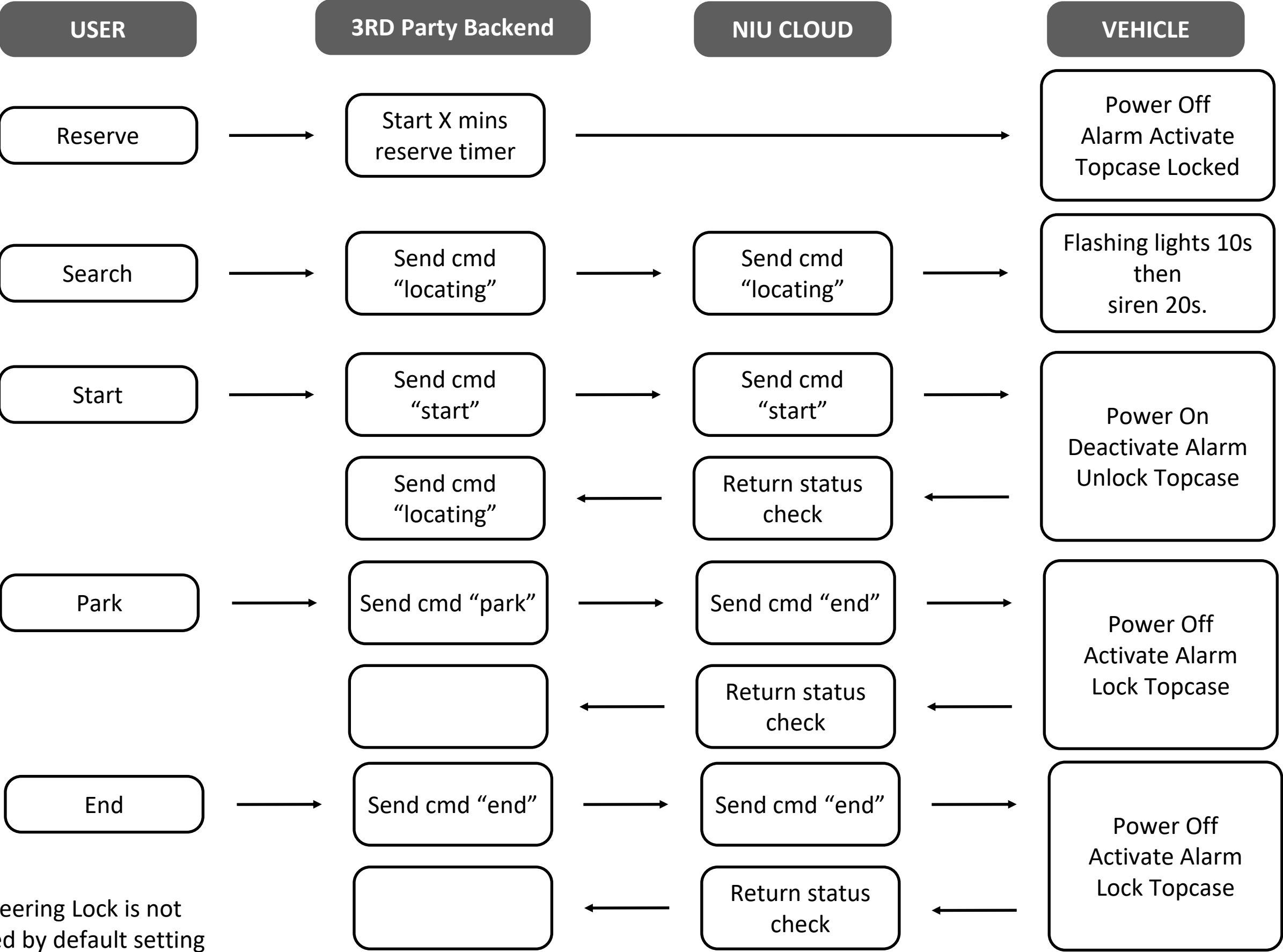


*see Userguide for Webhook and API Integration for more details

Scooter Electronic Topology



Interactions

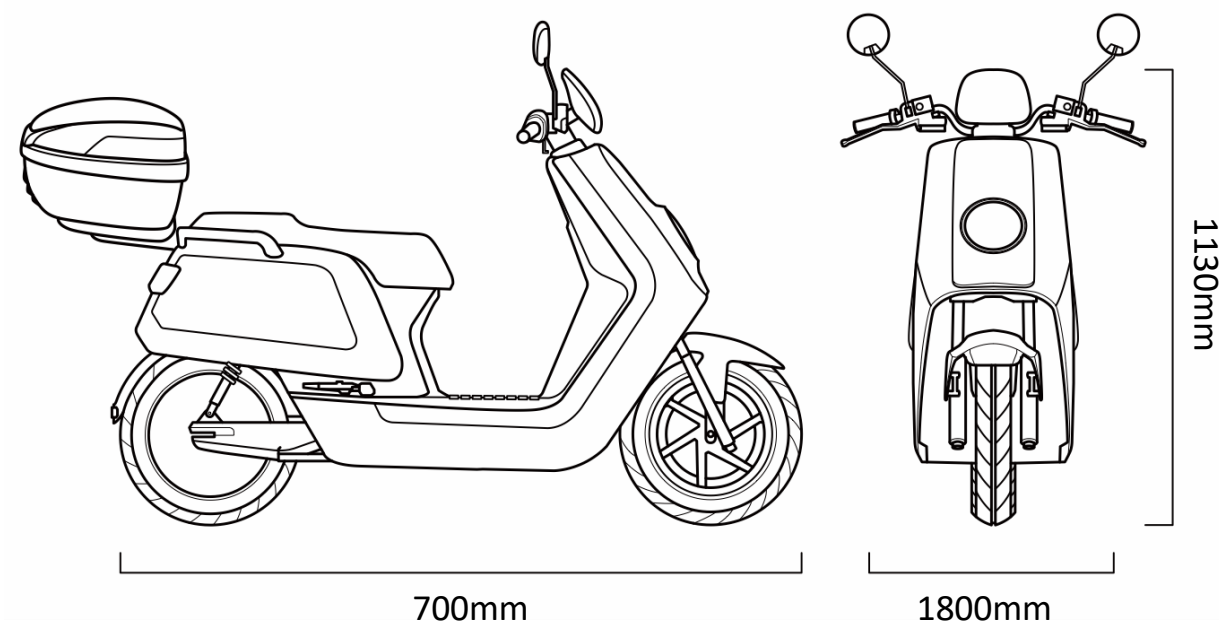


*Steering Lock is not used by default setting

N-Series Sharing Spec



Dimensions



Framework

Front Shock Absorber	Oil Damping Direct Acting Shock Absorber
Rear Shock Absorber	Oil Damping Direct Acting Shock Absorber
Front Tire Spec	90/90-12 Rim: 2.15x12
Rear Tire Spec	120/90-12 Rim: 2.15x12
Front Braking Mode	220 mm Dual-Piston Hydraulic Disc Brake
Rear Braking Mode	180 mm Dual-Piston Hydraulic Disc Brake
Min. Ground Clearance	145mm
Seating Height	740mm
Total Weight	108kg

Customization

Body Panels	UV on top of stickers/vinyls design feasibility check required
MOQ	500

Battery

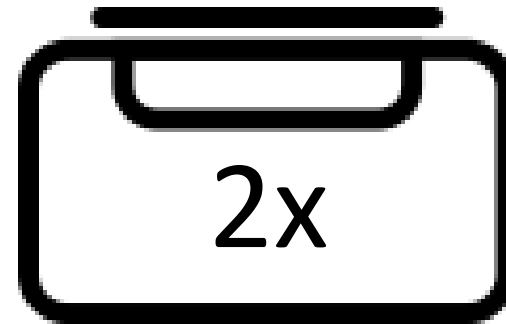
Battery Unit	Panasonic / 18650
Voltage	60 V
Capacity	29 Ah(1740wh)
Standard Charging Current	4 A
Weight	10 kg
Charging Time	6hr
Charging Current	4A

Power System

Electromotor	Tailored Motor by Bosch GmbH
Motor Control Solution	FOC Vector Control
Max Power	2400w
Range	50km(100km for two battery)
Top Speed	45km/h

Electrical System

LED Headlight	V
LED Turning Light	V
LED Tail Light	V
LED Braking Light	V
LCD Dashboard	V (with function list)
ECU	V
USB Charging Port	V
Electronic Seat Lock	V
Electronic Steering Lock	V
Electronic Topcase	V



Double Range, More Options

Dual 60V 26Ah batteries with Chinese Brand cells:	90 km per fully charge
Dual 60V 32Ah batteries with Panasonic cells:	110 km per fully charge
Dual 60V 35Ah batteries with Panasonic cells:	120 km per fully charge

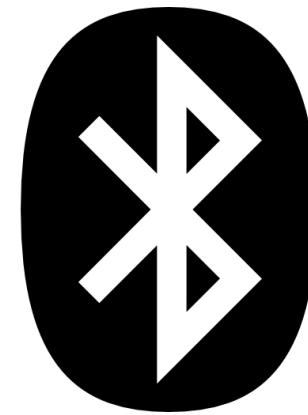
**Find a battery suit you the best and
Significantly reducing the operation fee!**

Additional features under development



Helmet Detection

40L topcase equip with
Infrared helmet detection to
prevent loss of helmet



Bluetooth 4.0 Capability

Connect to the scooter via
Bluetooth when scooter out of
network, so you're never
stranded

Collaborating Sharing Operators

