Automatic Operations Cost-saving Electric Scooter Charging Station

Smart Charging Detection
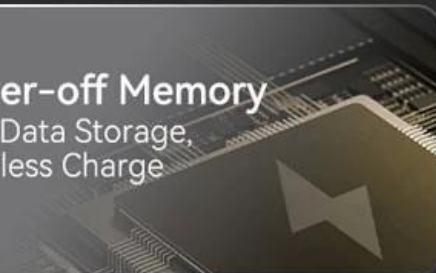More Efficient, More Secure

Auto Power Cut-off When Full
Prevent Overcharging, Extend Life

100 — OFF
50
0

Power-off Memory
Auto Data Storage, Seamless Charge

One Device, Dual Control
Two Cars, Simultaneous Charging

Audio Broadcast
Real-time Charging Status

Charging Completed

Charging in Progress

OTA Remote Upgrade
App Remote Fix/Upgrade

System Upgrade

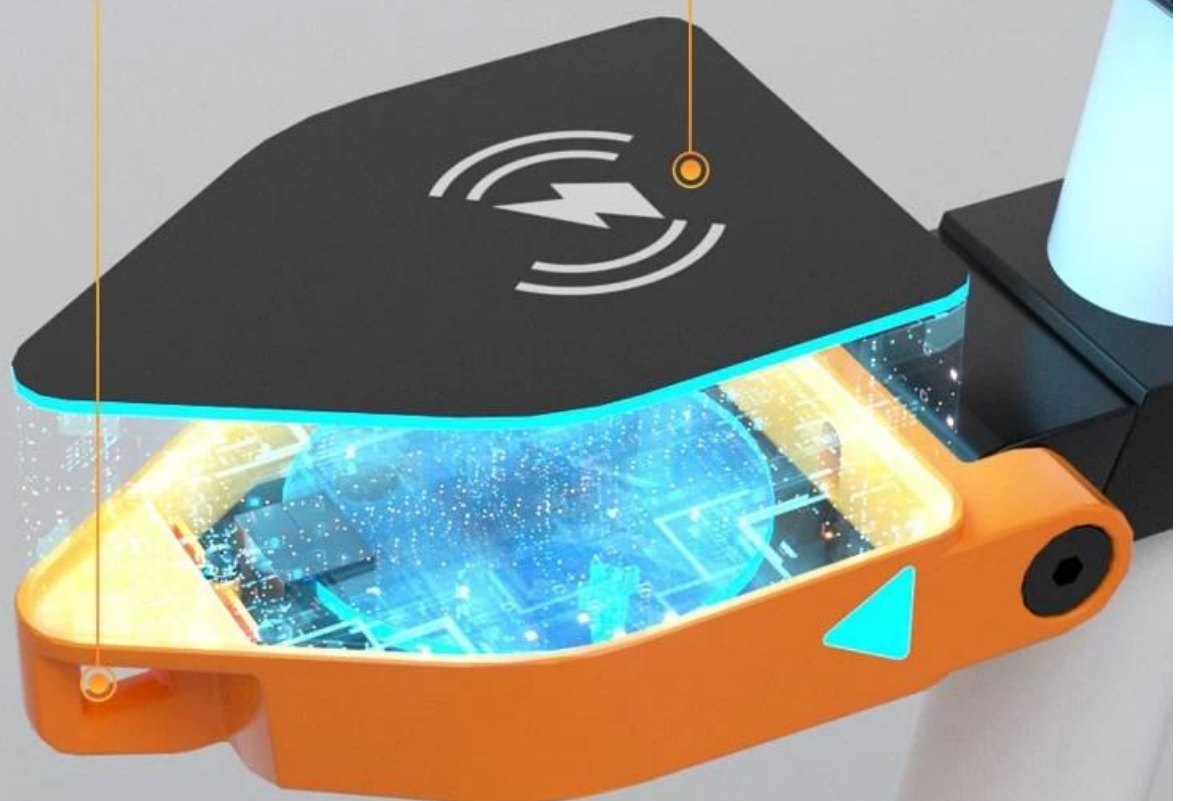The System is Currently Upgrading...

Wireless charging RX-Module

Protection: Overcurrent, Overvoltage, Overtemperature
RX Output Voltage: 42V ±0.2V
RX Output Current: 2.5A
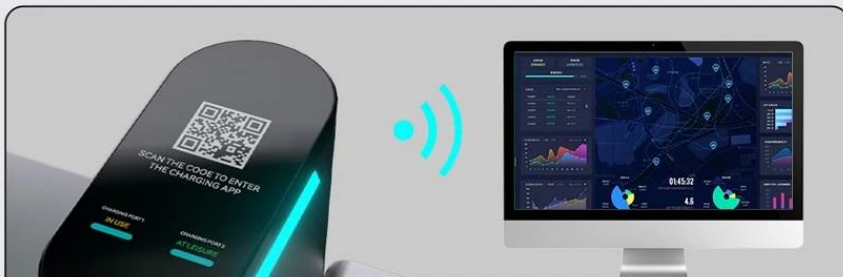
Bottom shell hardware
Face shell plastic

Lock hole

Workflows

1、Users scan the vehicle's IoT QR code for the server to send an unlock command.

2、The vehicle's IoT wirelessly unlocks the vehicle via the charging station's RX upon receiving the command.

3、Upon IoT unlock command, station releases dock, disables charging, reports status to server.

4、User retrieves vehicle, begins riding.

5、After riding, user returns vehicle to station. Upon successful ID, vehicle locks and charging starts.