

blector[®]

PRODUCTS CATALOG

**DISPLAY
ELECTRONIC LOCK
ALARM SYSTEM
CONVERTER**

——MAKE YOUR TRAVEL MORE CONVENIENT

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A wide-angle photograph of a modern manufacturing production line. The floor is light blue with yellow safety lines. Workers in white lab coats are operating various machines and assembly stations. The ceiling is high with industrial lighting.

Production line

A photograph of an SMT (Surface Mount Technology) workshop. The room is filled with large, white industrial machines. Blue bins and carts are visible on the floor. A sign on the wall reads "SMT生产四线".

SMT workshop

ABOUT US

Founded in 2005, Blector Group specializes accessories for the wheeler, three wheeler , four wheeler and sharing vehicles . We design , develop, manufacture and sale NFC intergrated displays, electronic locks , alarm systems, keyless entry ,DC-DC converter charger and other accessoires.

With three R&D centers and plants in Changzhou, Tianjin and shenzhen,Blector has been a first-class R&D team and independent intellectual property rights and have more than 460 patents. Blector is an Iso 9001 certified factory.

30⁺
Production line

20⁺
SMT line

1000⁺
Workers

460⁺
Patents

100⁺
R&D team

4 Plants: Jiangsu • Tianjin • Guangdong • Semarang

Honors & Certifications



Trusted By World-Class Brands

What can we do?



Colorful VA intelligent display

- Anti-theft alarm
- NFC power on/off
- Power-off memory

- HIFI
- SOC
- SIF/485/UART/CAN

- KERS display
- 12V/48 flasher
- 12V/48 flashing output



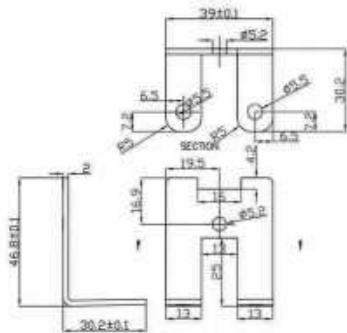
DISPLAY



RJ601

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:226.4*127.4*33.1mm

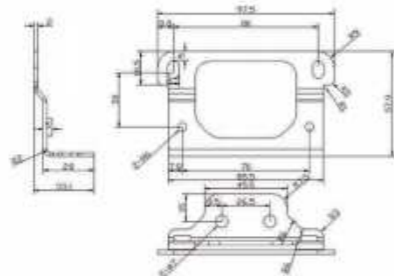
- Anti-theft alarm
- Bluetooth
- NFC power on/off
- 12V/48 flashing output
- HIFI
- Real-time o'clock
- Over-speed notice
- Touch-screen



RJ605

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:163.9*93.5*23.5mm

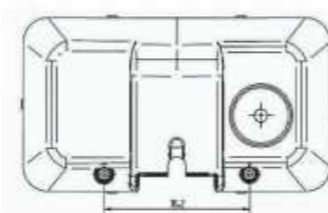
- Anti-theft alarm
- NFC power on/off
- Power-off memory
- SIF/485/UART/CAN
- HIFI
- Bluetooth
- KERS display
- 12V/48 flasher
- 12V/48 flashing output



RJ606

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:165.1*24.5*95.3mm

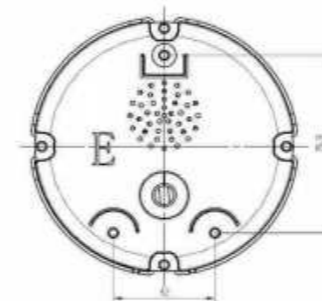
- Anti-theft alarm
- NFC power on/off
- SIF/485/UART/CAN
- SOC
- HIFI
- 12V/48 flasher



RJ607

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:115*120mm

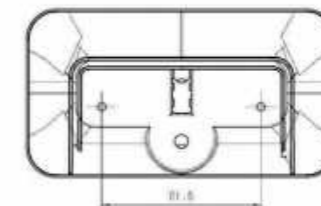
- Anti-theft alarm
- NFC power on/off
- SIF/485/UART/CAN
- HIFI
- KERS display
- SOC
- 12V/48 flasher



YC01

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:85.8*158.8mm

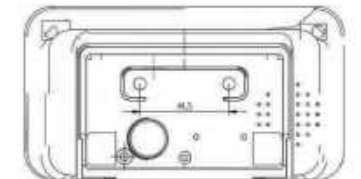
- Anti-theft alarm
- NFC power on/off
- SIF/485/UART/CAN
- Power-off memory
- SIF/485/UART/CAN



YC03

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:86.9*159.6mm

- Anti-theft alarm
- NFC power on/off
- Power-off memory
- SOC
- SIF/485/UART/CAN
- HIFI
- KERS display
- 12V/48 flasher
- 12V/48 flashing output



Advantages of LED display

Convenience:With an NFC-enabled smartphone,you can easily access to power on/off your scooter by simply holding your phone close to the NFC tag or sensor

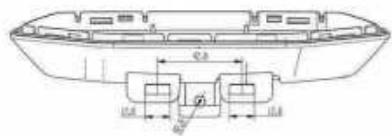
DISPLAY



YC04

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:95*193*50mm

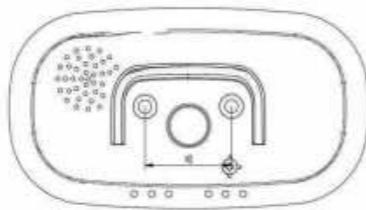
- SIF/485/UART/CAN
- SOC
- KERS display
- Colorful light
- Battery status
- ODO
- Backlight



YC14

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:166.4*93mm

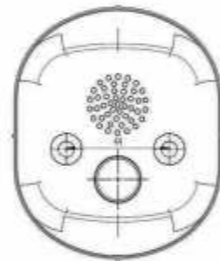
- Anti-theft alarm
- NFC power on/off
- SIF/485/UART/CAN
- SOC
- 12V/48 flasher
- Battery status
- ODO
- Backlight



YC15

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:112.3*93.5mm

- Anti-theft alarm
- NFC power on/off
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



YC18

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:159.4*126.2mm

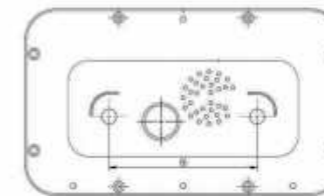
- Anti-theft alarm
- NFC power on/off
- Power-off memory
- SOC
- SIF/485/UART/CAN
- KERS display
- 12V/48 flasher



YC26

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:171.1*101.1*24.7mm

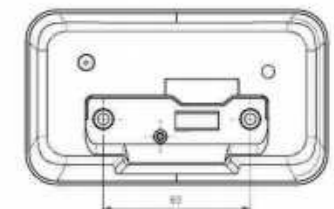
- Anti-theft alarm
- VA display
- NFC power on/off
- SIF/485/UART/CAN
- Bluetooth
- SOC
- 12V/48 flasher



YS03

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:164.5*95.3*28mm

- NFC power on/off
- Power-off memory
- SIF/485/UART/CAN
- Alarm system
- NFC power on/off
- 12/48 flasher
- Battery status



Advantages of LED display

Energy efficiency:NFC LED displays typically use less energy than traditional displays, making them more energy-efficient and eco-friendly.

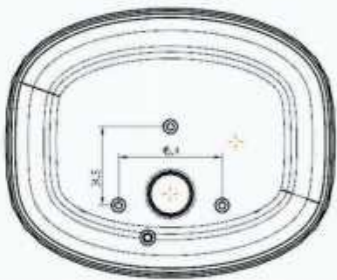
DISPLAY



YS07

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:144*118*63.2mm

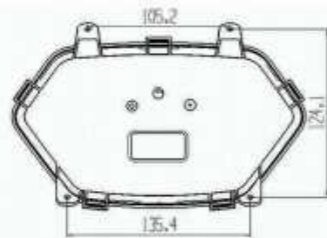
- NFC power on/off
- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



YS13

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:217.4*138*2*58.5mm

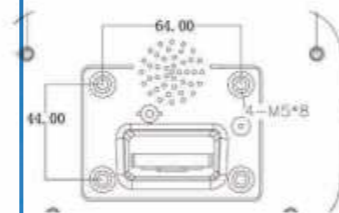
- NFC power on/off
- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



YC29

Voltage:30-100V
Current:3mA±0.5
Waterproof:IPX6
Size:φ50*30mm

- Display of speed, power, and parking
- NFC power on/off, more convenient
- Self-study card function
- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



YT01

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP65
Size:73*24.4*9.06mm

- Highlight the LED display
- Display of speed, power, and parking
- NFC power on/off, more convenient
- Serial communication
- Self-study card function



YT02

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP65
Size:φ50*30mm

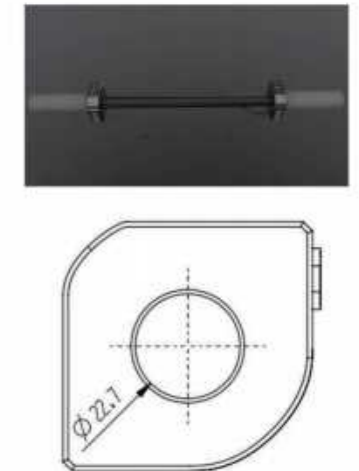
- NFC power on/off
- Power-off memory
- SIF/485/UART/CAN
- Special design for foldable e-bike



YC17

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:58.1*56.2*22mm (Left)
58.1*54*28mm (Right)

- NFC power on/off
- Power-off memory
- SIF/485/UART/CAN
- Special design for foldable e-bike



Advantages of LED display

Customizability:NFC LED displays can be easily programmed to display different information or content, making them highly customizable and adaptable to different use cases and environments.

DISPLAY



YL02

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66
Size:159.4*126.2mm

- Anti-theft alarm
- NFC power on/off
- Power-off memory
- SOC
- CAN/485/UART/SIF
- KERS display
- 12V/48 flasher



YS19

Voltage:12V
Current:3mA±0.5
Waterproof:IPX6
Size:144*104*30mm

- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



YS27

Voltage:12V
Current:3mA±0.5
Waterproof:IPX6
Size:73*24.4*9.06mm

- Display of speed, power, and parking
- NFC power on/off, more convenient
- Self-study card function
- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



BMAX

Voltage:30-100V
Current:3mA±0.5
Waterproof:IPX6

- Display of speed, power, and parking
- NFC power on/off, more convenient
- Self-study card function
- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



V

Voltage:30-100V
Current:3mA±0.5
Waterproof:IPX6

- Display of speed, power, and parking
- NFC power on/off, more convenient
- Self-study card function
- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight



M

Voltage:30-100V
Current:3mA±0.5
Waterproof:IP66

- Display of speed, power, and parking
- NFC power on/off, more convenient
- Self-study card function
- Power-off memory
- SIF/485/UART/CAN
- 12V/48 flasher
- Battery status
- ODO
- Backlight

Advantages of VA display

- Better Contrast Ratio: VA displays typically have better contrast ratios compared to both LED and LCD displays. This means they can display deeper blacks and brighter whites, resulting in a more dynamic image.
- Improved Viewing Angles: VA displays generally have better viewing angles compared to traditional LCD displays, making them suitable for wider viewing environments.
- Reduced Motion Blur: VA displays often have faster response times compared to traditional LCD displays, resulting in reduced motion blur, which is beneficial for gaming and fast-paced content.
- Higher Refresh Rates: Some VA displays support higher refresh rates compared to traditional LCD displays, which can result in smoother motion and better gaming performance.
- Better Color Accuracy: VA displays can offer better color accuracy compared to traditional LCD displays, making them suitable for tasks where color reproduction is important.

Electronic lock



SC-214



Seat lock

Voltage:12V
Current:≤150mA
Waterproof:IP67
Motor type:DC motor
Size:72*56*44mm
Opening method:Electric opening+ emergency opening/ mechanical lock

SL-303



Steering lock

Voltage:12V
Current:<500mA
Waterproof:IP67
Motor type:Stepper motor
Size:81*81*55mm
Opening method:Electric+emergency

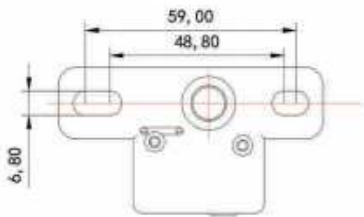
ELECTRONIC LOCK



SL301

Voltage:12V
 Current:≤100mA
 Waterproof:IP67
 Motor type:Stepper motor
 Size:74*40*52mm
 Opening method:Electric

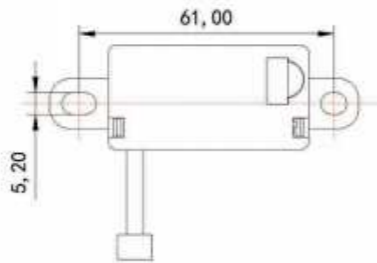
- Special design for e-vehicle steering
- Keyless lock/unlock
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration



SH101

Voltage:12V
 Current:≤380mA
 Waterproof:IP67
 Motor type:N20 motor
 Size:74*25*22mm
 Working method:Electric opening

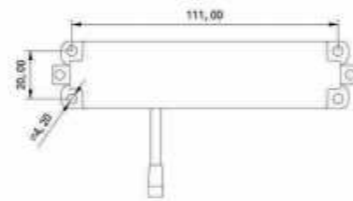
- Special design for e-scooter battery case
- Keyless lock/unlock
- Small size
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration



SH102

Voltage:12V
 Current:≤100mA
 Waterproof:IP67
 Motor type:N20 motor
 Size:120*28*54mm
 Working method:Electric opening/ mechanical lock

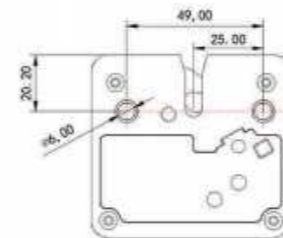
- Special design for e-scooter battery case
- Keyless lock/unlock
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration



DCS-DK-004

Voltage:4.2V
 Current:≤1A
 Waterproof:IP67
 Motor type:I30 motor
 Size:71*65*18mm
 Working method:Electric opening/ mechanical lock

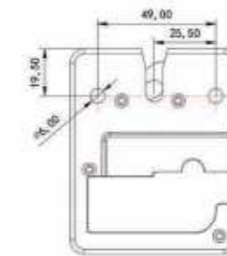
- Special design for e-scooter seat/cushion
- Keyless lock/unlock
- Shackle special plate, tensile test is >6000N
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration



SG-601

Voltage:4.2V
 Current:<500mA
 Waterproof:IP67
 Motor type:I30 motor
 Size:85*70*18.2mm
 Working method:Electric opening/ mechanical lock

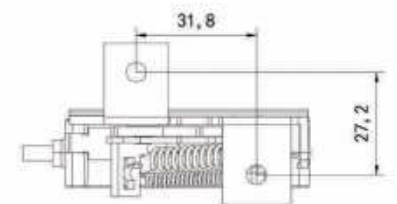
- Special design for e-scooter seat/cushion
- Keyless lock/unlock
- Shackle special plate, tensile test is >6000N
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration



ZDS-DK-008

Voltage:4.2V
 Current:≤1A
 Waterproof:IP67
 Motor type:I30 motor
 Size:66.2*65.3*42.7mm
 Working method:Electric opening/ mechanical lock

- Special design for e-scooter seat/cushion
- Keyless lock/unlock
- Shackle special plate, tensile test is >6000N
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration



Advantages of Electronic lock

Easy to Use: With the electric signal lock, when parking your e-vehicles, no need the mechanical keys, the handle bar can be locked and can prevent anyone else from using your e-vehicles. When using, send the opening signal, you can enjoy your riding.

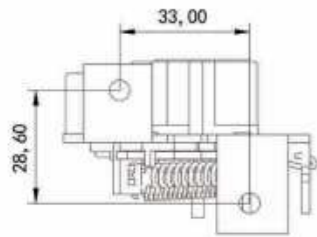
ELECTRONIC LOCK



SC-201

Voltage:12V
Current:< 100mA
Waterproof:IP67
Motor type:Stepper motor
Size:65*56*45mm
Opening method:Electric opening+ emergency opening/mechanical lock

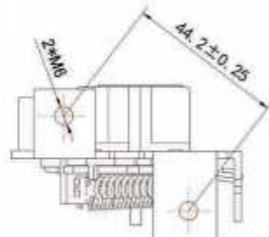
- Special design for e-scooter seat/cushion
- Keyless lock/unlock
- Shackle special plate,More durable
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration
- Emergency switch in case no power



SC-202

Voltage:5V
Current:≤100mA
Waterproof:IP67
Motor type:Stepper motor
Size:65*56*45mm
Working method:Electric opening+ emergency opening/mechanical lock

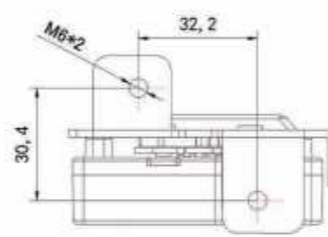
- Special design for e-scooter seat/cushion
- Keyless lock/unlock
- Shackle special plate,More durable
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration
- Emergency switch in case no power



SC-211

Voltage:5V
Current:< 500mA
Waterproof:IP67
Motor type:030 motor
Size:72*58*47.8mm
Working method:Electric opening+ emergency opening/mechanical lock

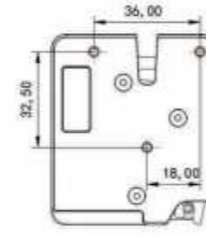
- Special design for e-scooter seat/cushion
- Keyless lock/unlock
- Shackle special plate,More durable
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration
- Emergency switch in case no power



SW-701

Voltage:5V
Current:≤160mA
Waterproof:IP67
Motor type:DC motor
Size:121*80*40mm
Working method:NFC opening+electric opening+emergency opening

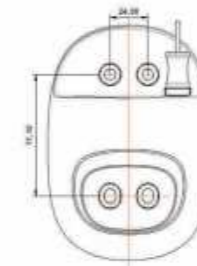
- Special design for vehicle trunk
- Keyless lock/unlock
- Shackle special plate,More durable
- Anti-theft/anti-prying/anti-smash/waterproof/anti-vibration
- Emergency switch in case no power



ST-504

Voltage:48V
Current:< 70mA
Waterproof:IP67
Motor type:DC motor
Size:149*103*35mm
Working method:Electric opening

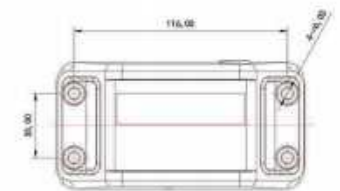
- Special design for sharing vehicle hemlet
- Anti-theft/ anti-vibration/waterproof
- Keyless lock/unlock
- Smart sensing if hemlet is locked



ST-505

Voltage:48V
Current:< 70mA
Waterproof:IP67
Motor type:DC motor
Size:136*69*37mm
Working method:Electric opening

- Special design for sharing vehicle hemlet
- Anti-theft/ anti-vibration/waterproof
- Keyless lock/unlock
- Smart sensing if hemlet is locked



Advantages of Electronic lock

Heavy Duty and Durable: The steering lock uses the zinc alloy and SUS304 lock tongue, Heavy duty and durable
High level IP grade: With spray plastic coating, which is waterproof, rustproof and dust proof enough.

Smart helmet lock

Specially design for sharing business

Convinent to operate

Scan the QR code, opening e-vehicle and lock.

✓ **NFC ID one lock one helmet**

Prevent helmet losing

✓ **Capacitive/infrared/three-axis detection**

Make sure rider wear the helmet rightly

✓ **Sensor checking**

Lock status can b e checked

✓ **Color**

Helmet and basket color can be customized



Lock position



ST-508

Voltage:25-48V Motor type:DC motor
Current:<5mA Size:315*290*220mm
Waterproof:IPX7

- Sepcial design for sharing vehicle hemlet
- Anti-theft/ anti-vibration/waterproof
- Keyless lock/unlock
- Smart sensing if hemlet is locked



ST-510

Voltage:25-48V Motor type:DC motor
Current:<5mA Size:305*260*270mm
Waterproof:IPX7

- Sepcial design for sharing vehicle hemlet
- Anti-theft/ anti-vibration/waterproof
- Keyless lock/unlock
- Smart sensing if hemlet is locked



ST-509

Voltage:25-48V Motor type:DC motor
Current:<5mA Size:305*260*270mm
Waterproof:IPX7

- Sepcial design for sharing vehicle hemlet
- Anti-theft/ anti-vibration/waterproof
- Keyless lock/unlock
- Smart sensing if hemlet is locked



ST-511

Voltage:25-48V Motor type:DC motor
Current:<5mA Size:305*252*300mm
Waterproof:IPX7

- Sepcial design for sharing vehicle hemlet
- Anti-theft/ anti-vibration/waterproof
- Keyless lock/unlock
- Smart sensing if hemlet is locked
- Disinfection and drying helmet

ANTI-THEFT ALARM SYSTEM



RJ501

Voltage: 28V-72V
Standby current: ≤6.5mA
Decibel: ≥85 dB(@1m)
basic alarm function



RJ502

Voltage: 48V-72V
Standby current: ≤2mA
Decibel: ≥85 dB (@1m)
keyless system +basic alarm function



708

Voltage: 48V-72V
Standby current: ≤7.5mA
Decibel: ≥80 dB (@1m)
PKE function



708B

Voltage: 48V-72V
Standby current: ≤7.5mA
Decibel: ≥80 dB (@1m)
keyless system
seat lock control(optional)
steering lock control(optional)

basic alarm function: Press the lock button, it will enter into the defence status. When there is vibration /wheel rotation or power on signal, the host will alarm

BLUETOOTH ALARM SYSTEM



REMOTE CONTROLLER



T13



T15



T16



T17



T18



D21



D28



D44



D46



D52

DC-DC CONVERTER



DC-DC converter

Voltage: 30~100V
Standby current: 9.5mA
Output voltage: 12V/5V
Main material: aluminum case

Function

DC-DC converter
Electronic horn
Support 5V USB(optional)

Advantages

Low power consumption
Buzzing tablet sound, pressing ceramic, strong anti-interference ability