1. Main Functions
- Automatically lock the wheels
- Battery voltage range
- Two-way power switch
- Intelligent self-cut
- Built-in quad band GSM antenna.

2. Specifications
- GSM frequency: 850/900/1800/1900 MHz
- Built-in quad band GSM antenna, GPS ceramic antenna
- LED indicator: Blue: GPS, Green: GSM, Power: Red
- Battery: 270mAh/3.7V Li-Polymer battery
- Working voltage/current: 9-90VDC/8mA (36VDC)
- Standby current: ≤5mA (by battery)
- Operating temperature: -20℃~70℃
- Waterproof grade: IPX5
- Device weight: 43g
- Device dimension: 77.0(L)*29.0(W)*13.0(H)mm

3. Your Device
- Screws
- SIM card slot
- Wires

4. LED Indicators
- Status
- Quick flashing
- Slow flashing
- Off
- Solid green

5. SIM card
- Wires
- Insert the SIM card as shown below

6. Wire definition
- Black: Fuse
- Black: Negative pole of power line
- Black: Positive pole of alarming horn
- Red: Positive pole of power line
- Red: Positive pole of alarming horn
- Black: Negative pole of power line
- Grey: Alarming horn
- Green/Brown/Blue: Ignition signal detection wire
- Orange/Yellow: Motor lock wire
- Blue/Brown: Positive pole of alarming horn
- Green: Ignition signal detection wire

7. Tips for how to find the right wire
- Signal indication line of base
- Signal indication line of wheel
- Signal indication line of cable

8. Device installation

9. Operation and functions
9.1 SOS number setting
Set SOS number e.g. AT+70# GPRS holding on or GPRS (only valid at a working room)
A SIM card is required to set SOS number
1. Set SOS number in menu 3, number 03
2. Input SOS number and press enter
3. Remember the SOS number and press enter

10. Platform Operation
- lithium-ion battery
- All lithium-ion batteries shall be charged before use
- Charge the device battery
- Contact local dealer
- Using the GPS tracker in the places that have good signal condition
- Poor signal
- Unable to boot
- Low battery
- Fuse burned
- Charge the device battery
- Contact local dealer
- Contact network supplier to get GPRS service
- SIM has no access to GPRS
- Always reply "Address inquiry failed" Contact supplier
- Fail to locate
- MOVING Moving alarm
- MOVING, A, R, M#
- A=ON/OFF; default value: OFF
- R=100~1000; displacement radius, unit: meter, default value: 300
- M=0~3; 0 GPRS, 1 SMS+GPRS, 2 GPRS+SMS+CALL, 3 SMS+GPRS+CALL
- Domestic standard version: default M=0
- International standard version: default M=1
- MOVING, OFF#
- Turn off alarm
- MOVING#
- Query current status, radius, alarm method, displacement origin point
- KEYLOCK Arming and disarming
- KEYLOCK, ON/OFF#
- default: ON
- ON: turn on the alarm
- OFF: turn off the alarm
- StarACC ACC ON/OFF
- StarACC, ON#
- Remote ignition
- StarACC, OFF#
- ACC off
- Ling Horn
- Ling, A, B, C, D, T1, T2#
- A=0/1 Arming/Disarming 0: no horn sound 1: with the horn sound, default: 1
- B=0/1 Car searching 0: Car searching off 1: Car searching on, Default: 1
- C=0/1 vibration alarm 0: vibration alarm has no horn sound 1: vibration alarm with horn sound, default: 0
- D=0/1 Car theft alarm 0: alarm has no horn sound 1: alarm with horn sound, default: 1
- T1: ring time, Unit: 100mS, Range 1-30, Default = 2
- T2: ring interval, Unit: 100mS, Range 1-30, Default = 2
- Ling#
- Query parameter

Intelligent E-Bike GPS Alarm EG02 User Manual
(Version 1.1)

This device is only for use with 36V, 48V or 72V vehicles.