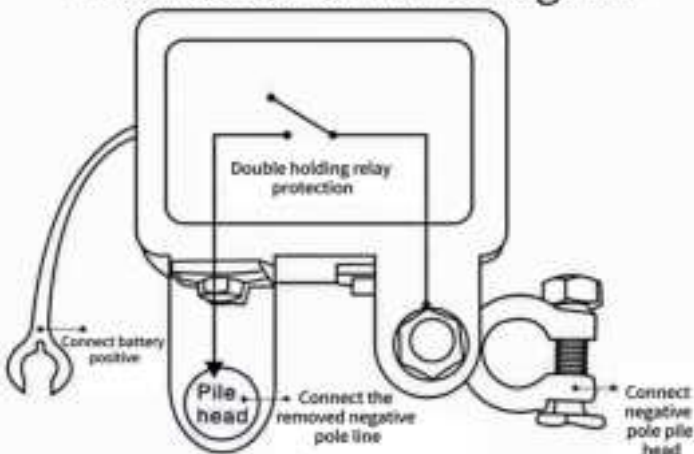


# Product schematic diagram



## Product specifications:

- 1, Power supply voltage range: DC6~13.2V/DC19~28V
- 2, The indicator light shows (light is on, off is off)
- 3, Automatic power off point: 11.8v/23.8v
- 4, the "OFF" key of remote discontrol the device point of batter level: 13.3v/27v.
- 5, Remote RF frequency; 433MHZ(remote control matched, latching mode)
- 6, Product parameters:
  - 1: Adaptive voltage 12V/24V
  - 2: Operating temperature 10°C~90°C
  - 3: Switching current rating 240A
  - 4: Switch instantaneous current 500A
  - 5: low battery voltage point: 11.8V±0.2V/23V±0.2V
  - 6: Power off delay disconnects for 120 seconds
  - 7: Standby power consumption 0.004A
- 8: Note:

1: the product works in the 12v~13.2 V/DC24~27V Range of the remote control only the normal pairing and remote control switch magnetic keep relay.electrical appliances

## 2: Low Voltage Protection:

When voltage is below 11.8v/23.8v, it will automatically cuts off power after delay 120 seconds

## 3: Driving Voltage Protection:

• When the voltage is higher than 13.2V/26.8v when driving , the remote control will be disabled to prevent accidental action , it can only be controlled by the manual switch.

## ATTENTION:

1. When driving, power off , please check the car's alternator not working, battery level is lower automatically cuts off power
2. When driving, power off , please check the negative pole of the battery and the negative pole of the car.
3. The negative pole of the battery and the negative pole of the car connect error, don't POWER OFF by press "off" key of the device.

## Remote control matching mode description:

1. Long press the stop(OFF) key of the device for 3 seconds, the green led and red led light on indicate that you have entered the learning code state, Press the "ON" key of the remote , the green led of the device blink three times and the buzzer rings three times, then the green led and red led light on indicate that you have entered the learning second code state, Press the "OFF" key of the remote , the green led of the device blink three times and the buzzer rings three times, end learning code. In learning code state, auto end the learning code state after 10 seconds did not receive the remote key comand.

2. Long press the stop (OFF) key for 3 seconds, the green led and red led light on indicate that you have entered the learning code state, then press 8 times the stop(OFF) keys of the device, the green led blink 8 times and the buzzer rings 8 times, clear all remote key . end the learning code state, the green led and red led light off.

3. The device learn up to 5 remotes control.

4. Press the "ON" key of the device or press the "ON" key of the remote, the green led and the red led of the battery level light on, Connect the negative pole of the battery to the negative pole of the car.

5. Press the "OFF" key of the device, all led of the device light off, disconnect the negative pole of the battery to the negative pole of the car.

6. When voltage of battery is 12v~13v/24v~27v, press the "OFF" key of the remote, all led of the device light off, disconnect the negative pole of the battery to the negative pole of the car.

7. In work on state, when voltage of battery is over 13.3v/27v, the protection led light on, press the "OFF" key of the remote, the device is no reaction, Connect .

8. In work on state, when voltage of battery is below 11.8v/23.8v, the protection led light on, press the "OFF" key of the remote, the device is no reaction, but the device buzzer rings after 60 seconds, then the device auto work off(disconnect the negative pole of the battery to the negative pole).

**FCC Warning:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.