Switch Wiring Diagram

Connects to the Positive Post

Protection Light

Work Light

Low | Mid | High

Voltage monitor light

ON OFF

Connects to the Negative Post

Post

Compatible with the previous negative clamp
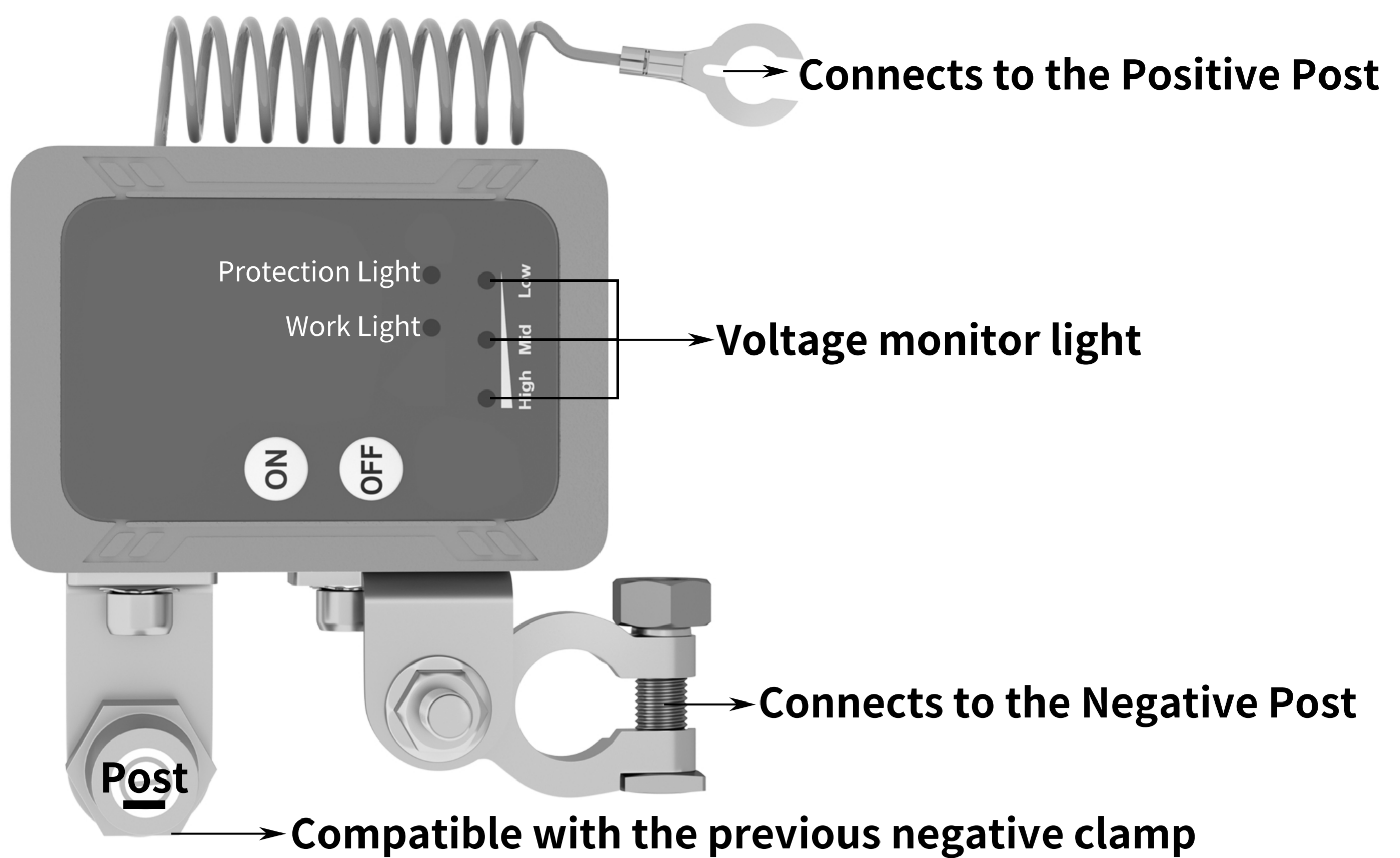
Description:

1. The ON and OFF buttons are used to manually control the connection and disconection of the battery; the OFF button is also used for pairing the key fob.
2. Work Light: When the battery is connected, the green light stays on constantly; when entering pairing mode, the red&green lights are displayed.
3. Protection Light: In case of insufficient battery power, the green light will be on and flash after 60 seconds.
4. Voltage Monitor Light: When the battery is connected, the red light is on to indicate the voltage range of the battery (＜11.8V is Low, 11.8V~13.2V is Mid, ＞13.2V is High).

Specifications:

- Self-adaptive Voltage: This switch is compatible with both 12V and 24V batteries.
- Battery Leakage Protection: Automatically disconnects after 120 seconds when the battery voltage falls below 11.8V (for 12V battery) or 23V (for 24V battery) to conserve power.
- Misoperation Protection:
  1. The switch will only activate when the key fob is pressed for more than 0.4 seconds to prevent accidental activation.
  2. The key fob is disabled when the battery voltage exceeds 13.2V (for 12V battery) or 25V (for 24V battery) to prevent accidental activation during driving, causing power interruption. Manual buttons can still be used for control.
- Power Saving: Standby current is just 1mA.
- Operating Temperature: -20°C to 90°C.
- Continuous Rating: 240A; Cranking Rating: 1000A for 30 seconds.
- Programming Code: Our switch is coded as 1527 and operates at 433MHz. Key fobs can only be added if they match these specifications. Each switch can be paired with a maximum of 5 key fobs.

How to Pair a Key Fob: Press the "OFF" button on the switch for 3 seconds. The work light will display green and red, indicating it's in pairing mode. Within 10 seconds, press the "ON" button on the key fob. If the work light flashes and the buzzer alarms 3 times, pairing is successful. Press the "OFF" button on the key fob to complete the process.

How to Unpair all Key Fobs: Press the "OFF" button on the switch for 3 seconds. The work light will display green and red, indicating it's in pairing mode. Within 10 seconds, press the "OFF" button on the switch 8 times continuously. If the work light flashes and the buzzer alarms 8 times, unpairing is successful. This will disable all key fobs.

Comment: You can only pair or unpair the key fobs when the battery voltage is between 11.8V and 13.2V.