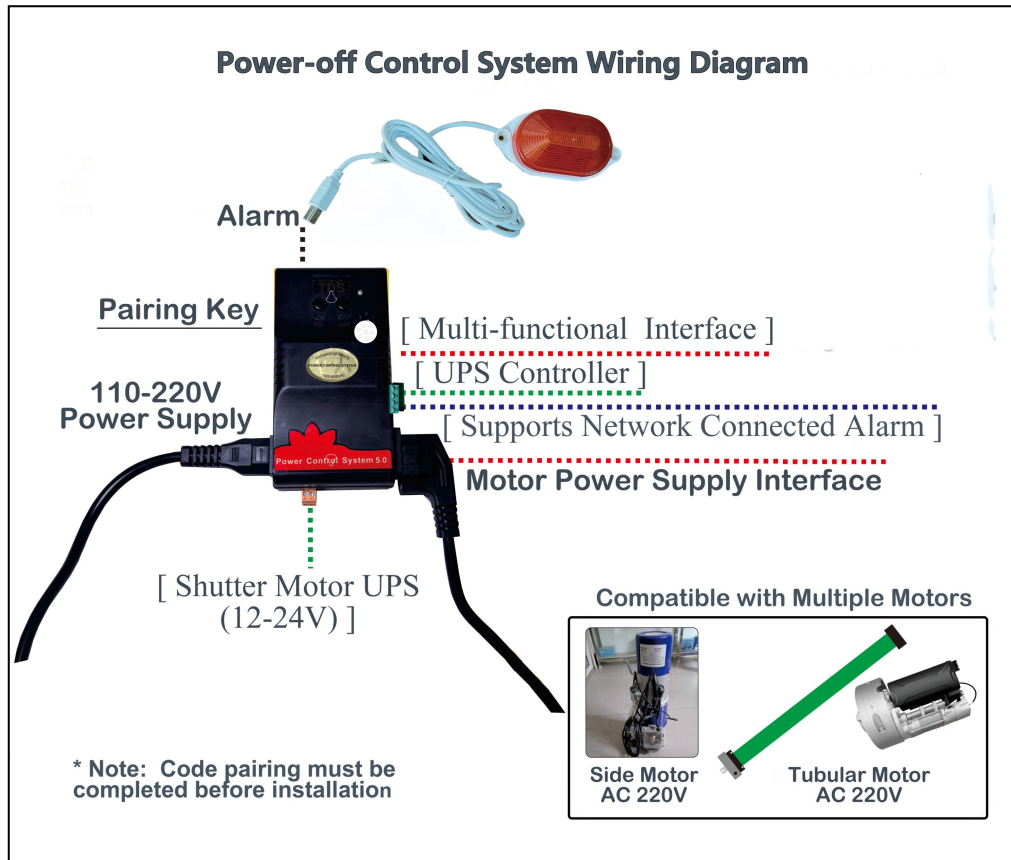


POWER-OFF CONTROL SYSTEM



● Technical Parameter

Power Control System

Power Voltage : AC 220V,50/60Hz

Power Capacity : 500W (10A max.)

Transmitter Frequency : 433MHz

● Batteries:

Two types of batteries must be equipped for normal use:

- Built-in Battery for Lock Transmitter: **Model: CR2450**
- Built-in Battery for Emergency Remote Control: **Model: 23A 12V**

● Transmitter Low Power Warning Function:

When the transmitter battery voltage drops below 2.5V, The system will emit three quick beeps as a warning.

1. 『Power-on & System Initialization』

- Connect the power-off controller to the power supply, and the indicator light will illuminate.
- Press the "Unlock" button on the emergency remote control. The system will prompt, *"The force function is being used. Please confirm that the lock has been opened and power on"* indicating the system is ready.

2. 『Code Pairing Procedures』

- Controller-Lock Pairing
Press the "Pairing Key" on the left side of the controller. The controller announces, *"Please coding"*. Insert the key into the lock cylinder, turn it 90° clockwise and hold for 2 seconds. When the lock's indicator light turns on, the controller will announce, *"Coding successful"* confirming the pairing between the controller and the lock.
- Controller-Remote Pairing
Press the "Pairing Key" on the left side of the controller. The controller announces, *"Please coding"*. Then press any button on the emergency remote control to complete the pair. The system will prompt, *"Coding successful"*.
- **Note:** The emergency remote is pre-paired with the power controller at factory - No additional set up is required.

3. 『Clear All Pairings』

- Long-press the "Pairing Key" until the controller announces *"Lock code is been cleared"*.
- **Note:** All devices must be re-paired after clearing.

4. 『Motor Connection』 Please refer to the Wiring Diagram on the left.

5. 『Operation Instructions』

- Locking (Voice prompt: Power off): Press the "▼ Down" button on the electric door remote control. When the rolling shutter reaches the ground and stops automatically, the controller will emit a *"Power off"*

prompt tone, indicating the ground lock is locked automatically and the controller powers off. No remote control device can operate the motor. If the first level lock hook is forced open, the built-in alarm of the controller will sound automatically.

- **Unlocking (Voice prompt: *Power on*):**
Rotate the outside key counterclockwise (inside key clockwise) by 90° and hold for about 2 seconds (if the key is rotated back within 5 seconds, power will cut off automatically). When hearing "*Power on*", it means the motor is powered on. Press the "▲ Up" button on the remote control to lift the shutter. After the lock hook fully disengage the ground box, rotate the key clockwise (inside key counterclockwise) by 90° back to the insertion position and pull it out.
*** Note:** When unlocking, be sure to rotate 90° into position and hold for 2-3 seconds. Repeated rapid rotation is strictly prohibited.

6. [**Door Closing Without Locking and Power Remaining On**]

- To activate this function, simply rotate the outside key counterclockwise (inside key clockwise) by 90° and directly pull out the key (lock body marked "On - Vertical").
- To restore the automatic locking and power - off function when closing the door, just insert the key, rotate it back by 90° (lock body marked "Off - Horizontal"), and then pull it out.

7. [**Half-Door Lock Test**]

- Lower door to the half-air position and engage two lock hooks.
* System announces: "*Power Off*", remote control is disabled.
- Turn the key from "Off" to "On" (90° clockwise)
* System announces: "*Power On*".
* Use roller shutter door lift remote control or wall-mounted button to raise door.

8. [**Door Operation Test**]

- Closing Test: When the door reaches the ground, it auto-locks and powers off. The controller announces "*Power off*".
- Opening Test: Turn the key 90° vertically; the controller announces "*Powered on*".

Emergency Remote Controller Functions

* Power Off
Power Cut-off

* Short press 3 times for language and beep sound mode conversion
Language and Beep Sound Switch

* Power On
* Press ON+OFF button to emit a warning alarm
Enforce Power-on

* Press to adjust the volume
* Volume cycling from up and down
* 2 beep sounds mean the volume up the maximum
Volume Control

* For Quick Operations and Easy after-sales service
* Code Pairing: Press and hold for 6"
* Code Clearing: Press and hold for 12"
Shortcut Key

9. **Obstruction Sensing Function (Optional)**

For electric doors equipped with obstacle-sensitive rubber strips:

- During downward movement, if the rubber strip is pressed by a hand or obstacle, the transmitter indicator light will turn on, the electric door will power off and stop descending.
- After the controller emits "*Obstruction*", it will automatically power on again, and the electric door will remain stopped (**Note:** The individual motors with power storage may continue descending after a pause.)
- After remotely raising the door, remove the obstacle before lowering it again.
- **Note:** The obstruction sensing function is invalid when the system is locked or powered off.

10. **Intelligent Analysis Function**

- If the key is quickly turned back within 5 seconds but the lock hook does not disengage from the embedded hook box, the system will remain powered off and lock again.
- When replacing the transmitter battery, the system can intelligently detect the locked status.