

GPR6-24 Series

Air Insulated Switchgear





About Us»

GreenPower promotes environmental awareness, and aims to create unprecedented happiness and wealth for our investors, employees, clients and partners. By focusing in the mid-to-high voltage and low voltage eld, and professionally working on R&D, manufacturing, marketing and service of high-end green intelligent switchgears, equipments and products.GreenPower sets to become a well-respected global company in the power industry.

GreenPower, is jointly established by a number of state-owned excellent industrial electrical professional manufacturers, we committed to meet the procurement needs of clients. It is a professional procurement service provider with entity of industrial electrical.

GreenPower provides ONE-STOP solutions service for all customers in the International area. It is located in the time-honored electrical industrial city, a collection of worldclass brand of industrial electrical products,excellent brand of domestic electrical products as the basis.

Innovative business philosophy, strong professional supply team, expert technical guidance, advanced Information network management platform, fast logistics, which makes GreenPower as your procurement expert by your side.

GreenPower adheres to its own brand and multi-brand integration, marketing dierentiated development strategy. The products involving low voltage, medium voltage and high voltage transmission and distribution products and industrial automation products.

It covering all aspects of distribution, logistics, warehousing, professional and technical engineering services, systems integration and complete sets of manufacturing. Stable business foundation for cooperation with customers and suppliers, and has established a good reputation to maintain its leading position in the market competition.

Human quests for transcendence, with transcendence we make progress, when the pursuit of unlimited become a belief, our dream began to realize.

Hard-working, dedicated GreenPower people, will be adhering to its past glory, beginners mind, let go sailing, to face the fierce competition in the future, and always help customers make the best choice, and strive to become the best and most reliable procurement service provider in the eld of industrial electrical.

01 Incoming cabinet operation instructions

Power supply operation:

- ① Close the cabinet door (make sure there is no power at the high voltage end of the incoming line and the electromagnetic lock is unlocked)
- ② Insert the operating handle into the operating hole ①, pull out the limit pin ② and operate counterclockwise to close the isolating switch.
- ③ Insert the operating handle into the operating hole ④ and operate clockwise to close the load switch (manual operation). If you want to operate it electrically, press the panel closing button.

Power failure operation:

- ① Manually press the opening button ③ to open the load switch. If you want to operate it electrically, press the panel opening button.
- ② Insert the operating handle into the operating hole ①, pull out the limit pin ② and operate the isolating switch clockwise.
- ③ Open the cabinet door (make sure there is no power at the high-voltage side incoming line and the electromagnetic lock is unlocked before opening the cabinet door)

Electric opening and closing buttons

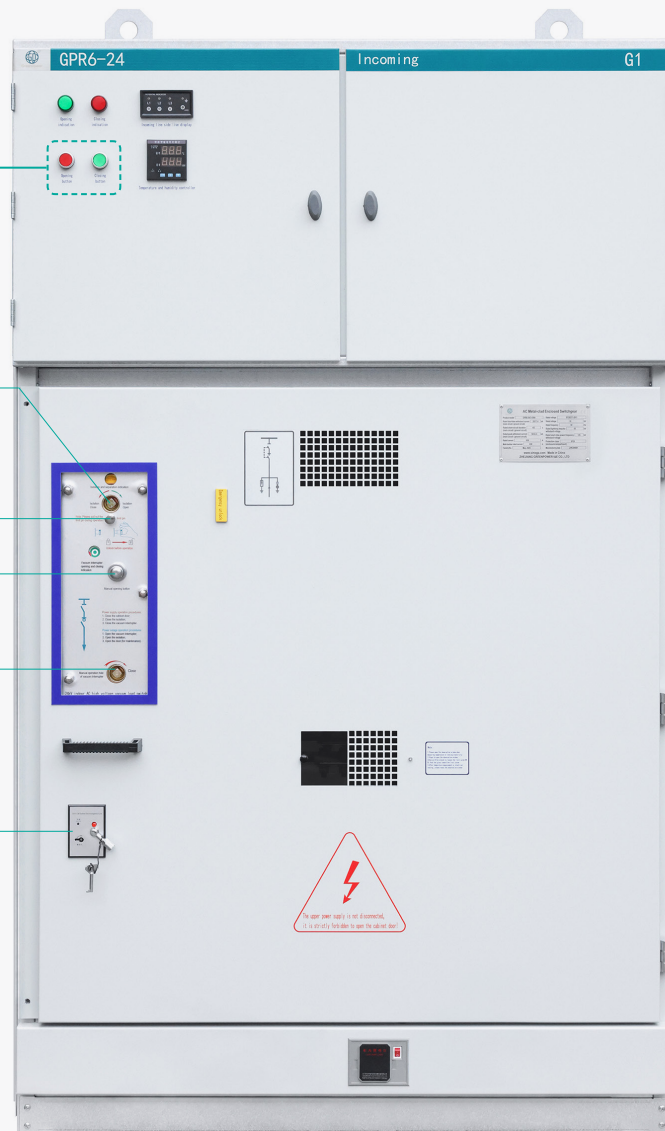
Operating hole ① (isolating switch)

Limit pin ② (isolating switch limit pin)

Isolating switch button ③
(vacuum interrupter opening button)

Operation hole ④ (vacuum interrupter)

Electromagnetic lock



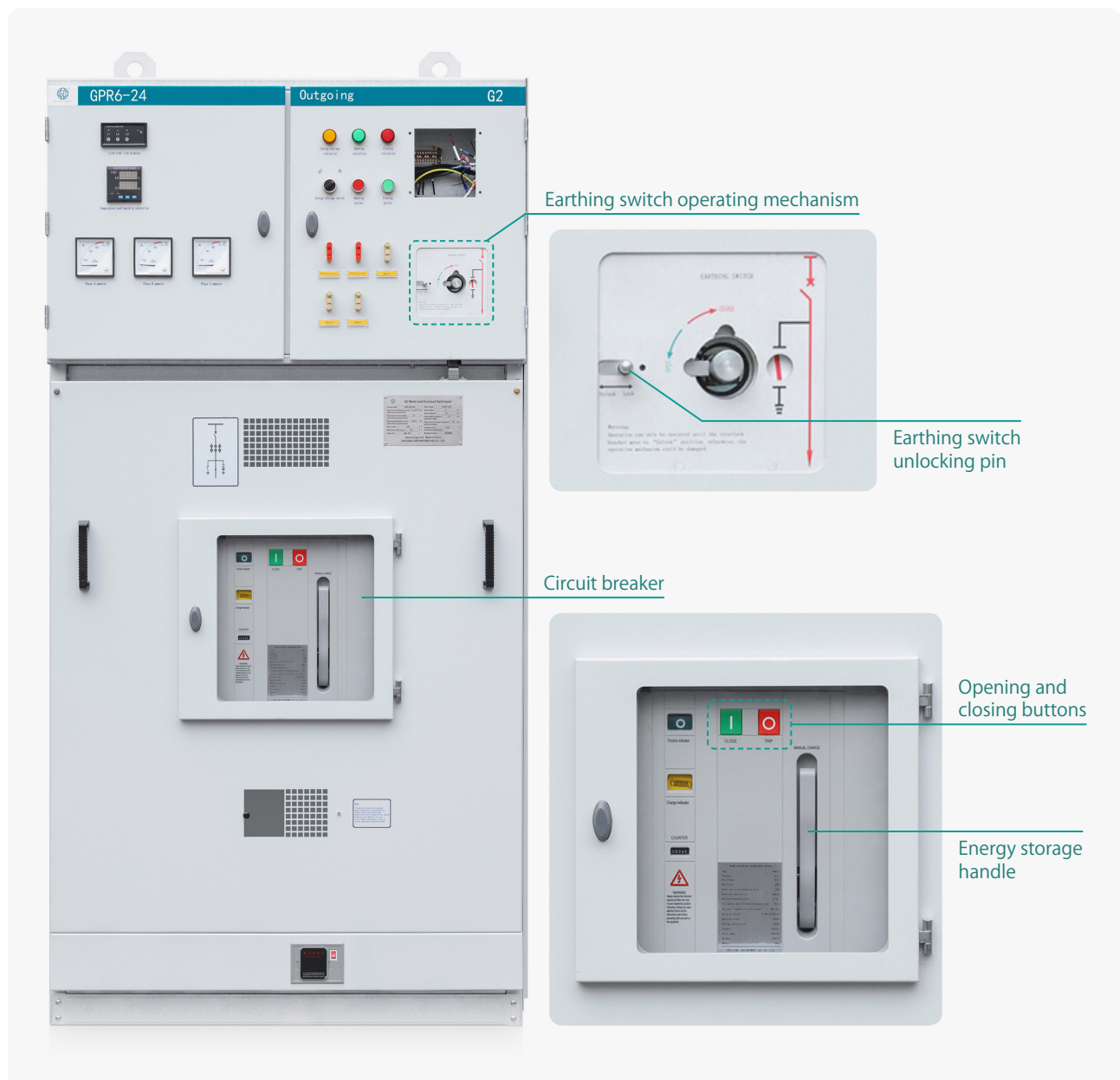
02 Circuit breaker cabinet operating instructions

Power supply operation:

- 1 Close the cabinet door, make sure the circuit breaker is in the open state and the earthing switch is in the closed state. (Note that because the cabinet width is 1.2 meters, it is best for two people to lift the cabinet door to save effort)
- 2 Make sure the circuit breaker is in the open state, unplug the unlocking pin on the earthing switch operating mechanism panel, insert the operating handle and operate the earthing switch counterclockwise to open. (Note: The operating force will be heavier)
- 3 After the earthing switch is opened, close the circuit breaker. (Note that when the earthing switch is in the closed state, the electric and manual locks cannot close the circuit breaker)

Power failure operation:

- 1 Open the circuit breaker
- 2 Insert the operating handle into the operating hole, operate clockwise, and close the earthing switch. (When the earthing switch is closed, the circuit breaker has a mechanical and electrical lock and cannot close the circuit breaker)
- 3 Open the cabinet door



03 Installation precautions

- 1 UPS is installed on the left side of the front, with reserved installation holes and brackets, and the cabinet is installed on site.
- 2 When installing the cabinet on site, the wall bushing needs to be installed on the Outgoing cabinet first, and the two cabinets can be assembled. Due to the space problem of the busbar room, the busbar is divided into two sections for connection, and the busbar is marked.
- 3 When installing the busbar of the Outgoing cabinet, a relatively thin person needs to first drill under the circuit breaker in the cabinet or remove the pressure relief plate on the top cover of the cabinet.
- 4 The microcomputer protection of the Outgoing cabinet has a padded elevated frame, which needs to be installed on site. The padded elevated frame is made into 2. Note that the large frame is installed on the cabinet door first, and the small frame is installed on the microcomputer.

Special reminder:

When the circuit breaker is in the closed state, it is strictly forbidden to close the earthing switch (with mechanical and electrical interlocking). When the earthing switch is in the closed state, it is strictly forbidden to close the circuit breaker (with mechanical and electrical interlocking)

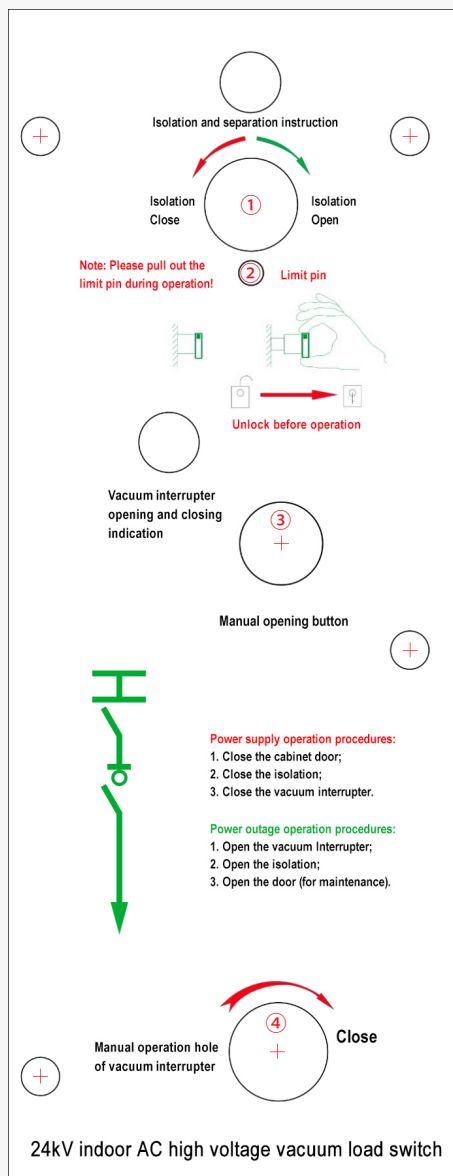


Figure 1 Incoming cabinet

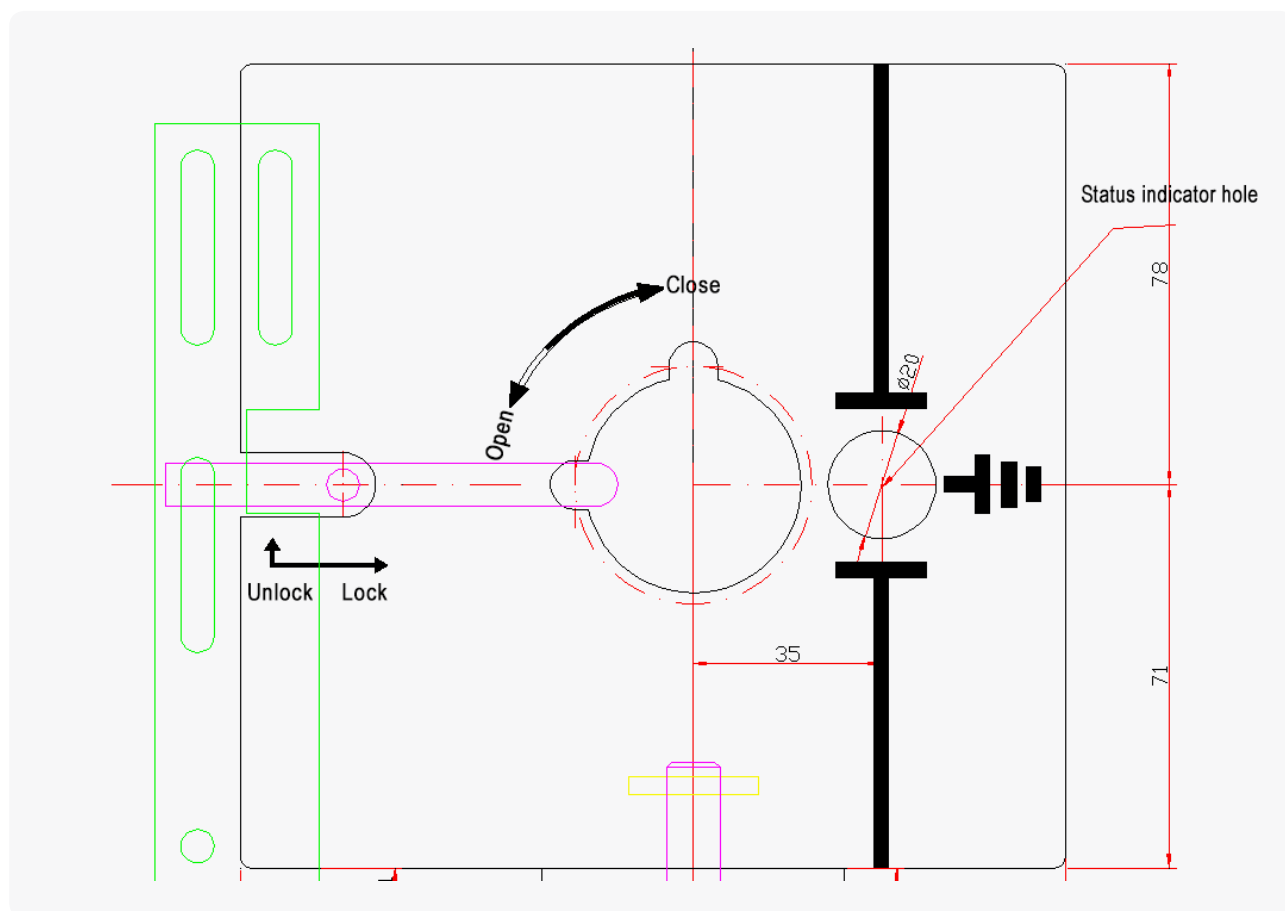


Figure 2 Outgoing cabinet

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Professional Power Equipment Provider

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