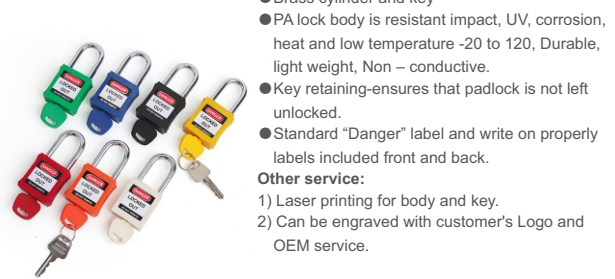


Application cases



Product category

### SAFETY PADLOCK



- Features:**
- Brass cylinder and key
  - PA lock body is resistant impact, UV, corrosion, heat and low temperature -20 to 120, Durable, light weight, Non – conductive.
  - Key retaining-ensures that padlock is not left unlocked.
  - Standard “Danger” label and write on properly labels included front and back.
- Other service:**
- 1) Laser printing for body and key.
  - 2) Can be engraved with customer's Logo and OEM service.

**Features:**

- Brass cylinder and key
- Body: Aluminum
- Key retaining-ensures that padlock is not left unlocked.
- Standard “Danger” label and write on properly labels included front and back.

**Other service:**

- 1) Laser printing for body and key.
- 2) Can be engraved with customer's Logo and OEM service.

### ALUMINUM PADLOCK



### Laminated steel padlocks



**Features:**

- Reinforced laminated steel withstands sever physical abuse while hardened steel shackle resists tampering
- Body plates individually coated for superior rust protection
- 5-pin cylinder offers more unique key cuts for better tamper resistance

**Other service:**

- 1) Laser printing for body and key.
- 2) Can be engraved with customer's Logo and OEM service.

Product category

### LOCKOUT HASPS

Lockout hasps are a valuable and convenient way to lockout an energy source ensuring that your worker's safety is never compromised. Our hasps are available in a variety of highly visible, labeled and nonconductive options. They are ideal for group lockout procedures and will help give your team the piece of mind that each energy source is properly isolated.



### CABLE LOCKOUTS



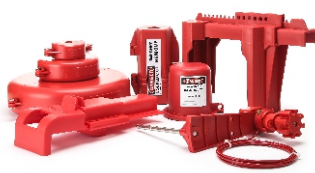
Our cable lockout equipment is an easy-to-use multi-purpose energy isolation solution that is ideal for unusual devices that are difficult to lock using conventional means. The devices and tools available easily cinch cable in place to keep handles and/or valves locked in the OFF position, effectively isolating valves or electrical power handles. Lockout cables are available individually or in lockout tagout kits.

### ELECTRICAL EQUIPMENT LOCKOUTS

Our electrical lockout products will help you properly shut down electrical systems including: circuit breakers, push-buttons, rotary, wall switches, plugs and much more. These lockout options will help you avoid electrical accidents for industrial high voltage or low voltage applications.



### VALVE LOCKOUTS AND HOSE LOCKOUTS



Valve lockout devices shutoff many kinds of pressured valves including: ball valve, butterfly valve, cylinder valve, gate valve, plug valve and pneumatic. Adjustable and universal devices are available for additional flexibility

Product category

### Pneumatic Lockouts

Pneumatic hose lockouts are critical for de-energizing and isolating compressed air sources of power. Our pneumatic quick-disconnect lockouts easily attach to the male fitting, effectively prohibiting any pneumatic connection without the inconvenience of installing in-line lockout valves. It is also convenient for storage and holding the air hose while it's not in use, keeping your facility orderly and air hoses from getting tangled. Air Line lockouts will snap on over the regulator knob to deny access to the air line regulator.



### LOCKOUT TAGOUT STATIONS



Lockout stations and kits are equipped with the tools you need to isolate mechanical and electrical control points. These stations are portable or static and work for just about any application.

### LOCKOUT TAGOUT KITS

Lockout stations and kits are equipped with the tools you need to isolate mechanical and electrical control points. These stations are portable or static and work for just about any application.



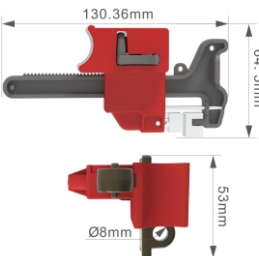
### LOCKOUT TAGS



Lockout tagout tags are OSHA compliant and communicate safety and lockout information at the point of need. These tags come in a variety of materials to suit your specific lockout/tagout (LOTO) needs. You can also create your own custom tag for an application specific message

New product

### EP-F38阀门锁



- Brand:** Elecpopular  
**Model:** EP-F38  
**Material:** aluminium alloy  
**size:** As shown in the picture  
**Purpose:** Suitable for DN8-DN100 right angle handle valves, with a detachable handle type ball valve lock to prevent the valve from being opened.

**Brand:** Elecpopular

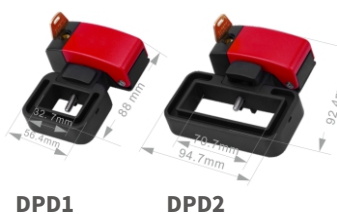
**Model:** EP-D75

- Material:** Nylon fabric, ABS, cold rolled steel  
**size:** As shown in the picture  
**Purpose:** Suitable for locking the suspension controller to prevent others from activating the device. The fabric panel can be folded and stretched for easy storage and transportation.

### EP-D75工业电器锁



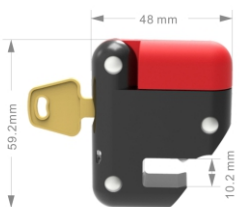
### DPD1/DPD2自锁型卡箍式断路器锁



- Brand:** Elecpopular  
**Model:** DPD1/DPD2  
**Material:** PA66+20%GF  
**size:** As shown in the picture  
**Purpose:** DPD1 lockable range: 32 \* 12mm  
DPD2 lockable range: 70 \* 22mm

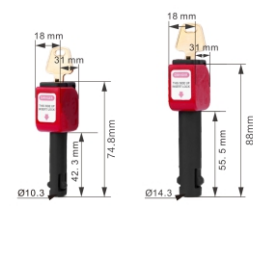
### DPX1 自锁式微型断路器锁

- Brand:** Elecpopular  
**Model:** DPX1  
**Material:** PA66+20%GF  
**size:** As shown in the picture  
**Purpose:** Lock management for small circuit breakers (handle thickness less than 10mm)



New product

### DPR1-1/DPR1-2自锁型熔断式断路器锁



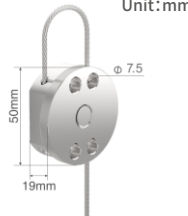
- Brand:** Elecpopular  
**Model:** DPR1-1/DPR1-2  
**Material:** The lock body is made of PC+ABS material  
**size:** As shown in the picture  
**Purpose:** DPR1-1 is suitable for fuse bases with a diameter of 10mm  
DPR1-2 is suitable for fuse bases with a diameter of 14mm

**Brand:** Elecpopular

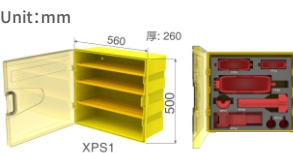
**Model:** EP-SL31

- Material:** The lock body and cable are both made of 316 stainless steel  
**size:** The diameter of the cable is 3mm x 1.8m. Different diameter cables and lengths can be customized.  
**Purpose:** Used to lock industrial ball valves in the closed state to prevent misuse and accidental contact. (Can be used in special industries such as food/medicine that require high anti-corrosion requirements)

### EP-SL31不锈钢缆绳锁



### XPS系列锁具工作站



- Brand:** Elecpopular  
**Model:** XPS1  
**Material:** PC  
**size:** 560mmX500mmX260mm  
**Purpose:** Customizable fixed point plan for easy lock management

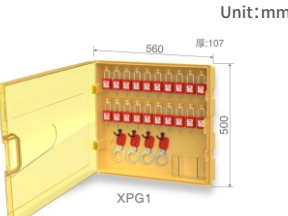
**Note:** This series of products does not include locks

**Brand:** Elecpopular

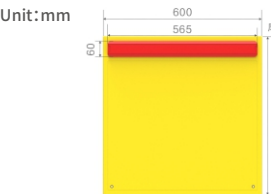
**Model:** XPS1

- Material:** PC  
**size:** 560mmX500mmX107mm  
**Purpose:** Suitable for the placement and management of various large LOTO locks

### XPS系列锁具工作站



### Sp系列看板



- Brand:** Elecpopular  
**Model:** SP  
**Material:** PC  
**size:** 600mmX600mmX107mm  
**Purpose:** Suitable for the placement and management of various large LOTO locks



PROFESSIONAL SAFETY LOCKOUT SUPPLIER

PRODUCT CATALOG | 2024

About us

Elecpopular Safety Products Co., Ltd is a leading provider of lockout tagout solutions, with over a decade of expertise in the field. Committed to the ethos of hazard prevention through LOTO measures, we specialize in producing high-quality safety padlocks, lockout hasps, valve lockouts, electrical lockouts, lockout kits, and stations. Additionally, we are fully equipped to offer tailor-made OEM and ODM services for bespoke designs. Choose Elecpopular for top-notch safety products and personalized service.

All our products are according to ISO standards and ANSL standard, also certificated by CE&ATEX in 2016.Till now, we have exported to more than 50 countries and got good reputation among our customers.“Make the world more safe” is our vision, “to be LOTO solution expert “is our aim.Welcome all customers from all the worldwide to enquiry or visit us!



LOCK OUTAND TAG OUT CONCEPT

What is LOTO?(Lock out /Tag out =LOTO)

When the equipment or tool is being repaired , maintained or cleaned , the power source related to the equipment needto be cut off,so that the equipment cannot be started,and all energy sources (power supply , hydraulic source , air source , etc.) are turned off.

- **Lock out:** Lockout is using the safety and other equipment to lock the machine to isolate from unauthorized operations and ensuring each worker's safety until the work is finished.
- **Tag out:** Tagout is using for warning the people that the energy source or equipment is locked that can not be operated optionally.
- **Disconnecting means:** One piece or one group equipment can disconnect the energy source or the power supply circuit.

● **LOTO:**In order to ensure that the equipment energy is turned off, the equipment is kept in a safe state. Prevent accidental injury to the staff or related person inside or next to the equipment caused by the equipment being accidentally operated.

Why should use LOTO?

LOTO is in order to prevent the workers from the danger that caused by the machine start accidentally, the equipment launch abnormal, the energy source release when the worker want to repair or maintain it. So that it can keep the workers personal security. The Key of LOTO is to cut off the connection between machine and power source, lock on the source, release residual power.

Regulations and standards for LOTO

China sets national standards for lockout

- In 2009,the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the China National Standardization Administration issued the national standard GB/T2.2-2009 Safety Requirements for Electrical Equipment Application Sites-Part 2:Safety Measures for Operation in Power-off.
- On May 12,2017,the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and the National Standardization Administration of the People's Republic of China issued the National Standard GB/T 33579-2017 safety of machinery- control method of hazardous energy -lockout/tagout.The national standard began machinery on December 1,2017.

**Interpretation of the national standard GB/T33579-2017 on the scheme of lockout/tagout:** Establishing a control system and use LOTO procedures to prevent accidental release or transmission of machine energy.

Requirements of the national standard GB/T33579-2017 on the process of lockout/tagout:

- Step one:**Ready to turn off
- Step two:** Turn off the machine
- Step three:** Isolation machine
- Step four:**Place lock out / tag out device
- Step five:** Stored energy release
- Step six:** Verification of isolation
- Step seven:** Unlock / tag out control

The corresponding laws and regulations of major European and American countries on lockout/tagout

- American—OSHA(Controlling of dangerous energy(LOTO))The Control of Hazardous Energy (Lockout/Tagout) 29CFR 1910.147
- Australia —OSHA European Decree —(European Regulations on safety and Health at Work )European Agency for Safety and Health at work
- EU —(National Factory Standards) National Standard for plant[NOHSC:1010]

When &Where should use LOTO?

- Daily maintenance, adjustment, cleaning, inspection and commissioning for equipment. Enter into the limited space, hot work, dismantling work and so on in the tower, tank , electrified body, kettle, heat exchanger, pumps and other facilities.
- Operation involving high voltage.(including the operation under the high-tension cable)
- Operation require closing the safety system temporary.
- Operation during maintenance and commissioning of non-processing.

LOCKOUT &TAGOUT REQUIREMENTS

- When some persons are authorized to perform the same task, each staff must complete its own lockout and tagout process, rather than others.
- Never authorize others to remove your lockout device.
- Only operate the device that has been locked by safety lockout.
- hen you shift, must not arbitrarily terminate the original lockout device listing until the carry personnel is in accordance with the requirements ofthe lockout tagout, then remove the original lockout or tagout. At the same time, the new carry personnel should confirm the LOTO is safe andreliable before operation.
- Never let your security rely on others' LOTO, always remember use your safety lockout protect yourself.
- Use the correct lockout, so please find the item in the catalog according to the actual situation.
- Make sure that safety lockout is able to withstand the environment in which it is located like dusty, humid and so on.
- Safety lockout and safety tagout should be combined in usage, and can not replace each other.
- Since 2rd January,1990,whenever the machinery and equipment change, overhaul, remoud or innovate, even install new machinery and equipment for the machines and equipment, the energy isolating device and the equipment should be designed to fit the safety lockout and tagout.
- Operators should test the ability control rules at least once a year, ensure the standard procedures and requirements are implemented. The authorizedemployees perform regular inspection, rather than the staff who perform energy control rules carry out testing.
- If there is a possibility that the storage of energy should be saved to reach the dangerous level. It should continue to be verified, repair or maintenancethe energy source, untill the danger don't exist.
- Whenever external maintenance personnel is take part in the maintenance activities within the permission, the site operators and the external operatorshall inform lockout or tagout rules to each other.

Elecpopular safety lock products fully comply with the regulations,and the following requirements for safetylocks and lockout devices:

Requirement	Durable	rugged	standardized	identifiable	other security purposes
Description	It is made of materials that are resistant to various environments	cannot be removed unless use violent force	clear distinction is made by the difference in color,shape,or size,	indicating that authorized personnel	using for controlling equipmentenergy only
Elecpopular Lockout Products	✓	✓	✓	✓	✓

THE PROCEDURE OF LOTO (LOCKOUT/TAGOUT)

STEP 1:PREPARE

Prepare to close the source of energy. The type of energy is electric energy, mechanical energy, air energy and so on.Besides the accident this energycause. Prepare the lockout and tagout.

STEP 2:NOTICE

Notice the person who effect on isolating and protecting the machine and the manager who is working with the machine.

STEP 3:CLOSE

Close the machine or equipment.

STEP 4:LOCK

Lock the closed equipment or machine after make sure that nobody turn on the valve and the switch. Then you can affix on the warning label or lock wittag to avoid operate miss.

STEP 5:TEST

Test all equipment and circuit make certain all of them have been locked out.

STEP 6:MAINTAIN

Maintain the machine according to the applied situation of the equipment.

STEP 7:RECOVER

Recover the equipment and circuit while remove the lockout and tagout. And inform all workers after provide the energy.

Project



Drilling on land

Land drilling equipment is generally in remote areas in harsh environment operations, you need to be able to withstand harsh environments and provide a clear identity and security products. Bovii resistant to extreme temperatures, UV and harsh environment applications, products can fully meet the needs of industrial customers.

Offshore oil exploitation

Including offshore oil drilling platform project, FPSO and auxiliary vessels. As the particularity of offshore oil engineering, high reliability and safety requirements mean the need for higher quality products. Bovii able to provide marine engineering requirements meet the identity and security of the overall solution.



Chemical Refining

Chemical industry due to the strict control of hazardous substances involved and personnel protection requirements, the need comprehensive security protection.

Power Transmission and Distribution

Bovii's harsh environment outdoors lasting solution to put the case identifies alternative to traditional signage style logo products. Played an anti-theft, easy fabrication and installation, durability and environmental protection.



Industrial Manufacturing

Manufacturing of products, manufacturing processes and facilities safety, safety warning label product solutions and cable solutions.



KEYS MANAGEMENT SYSTEM

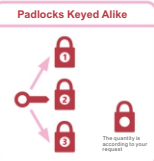
● KD-Keyed Diferent

A key can only open one padlock; Advantages: Your lock cannot be opened by the keys of other locks.



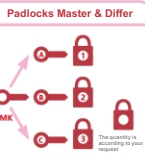
● KA-Keyed Alike

A key can open all padlocks in the same group; Advantages: Multiple groups can be customized, and groups cannot be opened to each other.



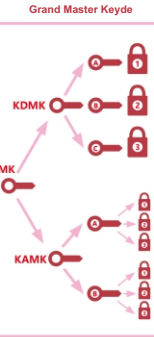
● MK-Master Keyed

A key can open all padlocks of several groups of KD or KA; Advantages: Groups can be opened through a master key.



● GMK-Grand Master Keyed

A key can open all padlocks of several sets of KD, KA, or MK.



Add: No.5, SiqianRd., Xinguang Industry Zone, Liushi Town, Yueqing, Zhejiang, China  
Tel: +86-577-6273 6728  
E-mail:info@chinalockout.com  
Website: www.chinalockout.com