

# XL-280 600 LBS Electromagnetic Lock

## High-Security Electromagnetic Lock with 600lbs Holding Force

The XL-280 Electromagnetic Lock is designed for high-security applications, providing a holding force of 600 lbs. This electromagnetic lock offers reliable security for various types of doors, especially 90° wooden and aluminum doors.

Its fail-safe design ensures the lock engages when powered, making it an ideal solution for high-traffic areas where security and access control are critical.

### Key Feature

Strong Holding Force:	Capable of holding up to 600lbs ensuring robust security
Fireproof Materials:	Built with fire-resistant materials for added safety.
Fail-Safe Mechanism:	Automatically unlocks during power failure, suitable for fire exits.
Adjustable Delay Timer:	0/2.5/5/9-second lock delay settings for customized security.
Efficient Power Use:	Operates with low power consumption for long-term efficiency.
Durability:	Tested for over 500,000 cycles, ensuring long operational life.



#### Fire Doors

Secures emergency exit doors while ensuring compliance with fail-safe unlocking during power failures.

#### Residential & Commercial Security

Provides robust locking for out-swing and in-swing doors in homes and offices.

#### Industrial Environments

Ideal for high-security applications in factories and warehouses.

#### Access Control Systems

Integrates seamlessly with door access control solutions.

#### Durable Outdoor Use

Handles varying environmental conditions, ensuring long-lasting reliability.



### Alloy Lock Body

The lock body is made of high-quality aluminium alloy. Robust and classic design. Fine workmanship made of aluminium alloy material, high strength and durability.

### Anti theft Device

The access control magnetic lock is equipped with a screw wrench for security. When the magnetic lock is installed outdoors, in the locked state, people outside will also remove it for safety and peace of mind.



### Suction Patch

Using Precision Components, each magnetic lock is tested by precision instruments, good performance, stable quality, and guaranteed after-sales.

### Stable suction

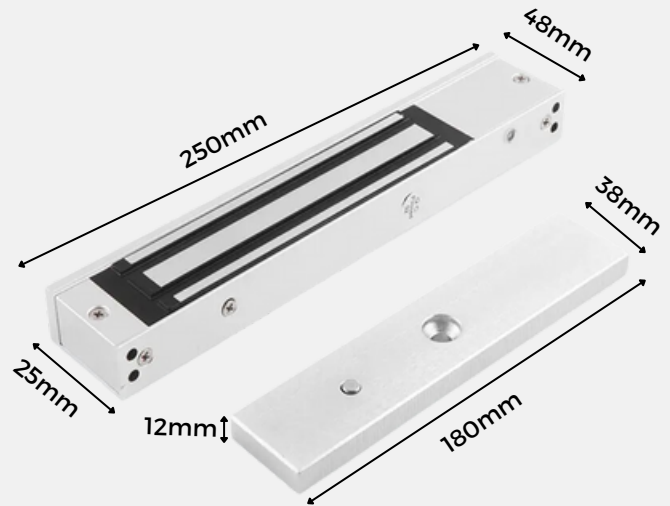
This magnetic lock has a pulling force of 280kg, which is stable and durable, safe and reliable.



### Lock Indicator

Under normal conditions, the red light is off. Red light on means locked.

## Dimension



## Application

- Out-Swing and In-Swing Doors: Suitable for various door types in residential and commercial environments.
- Industrial and Commercial Security: Ideal for warehouses, factories, and office buildings requiring robust security.
- Access Control Systems: Integrates with electronic systems for controlled entry and exit.

## Specification

Model Number:	XL-280
Power Supply:	DC 12V / DC 24V (adjustable)
Current Draw:	450mA @ 12V / 235mA @ 24V
Operating Temperature:	0°C to 70°C
Environment:	Humidity up to 85% RH
Operation Current :	450mA/12DC 235mA/24DC
Lock Status Output:	N.O. / N.C. ( Primary type not available) ( Contact Rating 1A@30VDC / 0.5A@125VAC)
Dimensions:	<ul style="list-style-type: none"><li>• Lock Body: 250mm (L) x 43mm (W) x 27mm (D)</li><li>• Armature Plate: 185mm (L) x 38mm (W) x 12.5mm (H)</li></ul>
Weight :	1920g