

# XL-180 300 LBS Electromagnetic Lock

## Secure and Efficient Access Control Solution

The XL-180 Electromagnetic Lock offers reliable and efficient locking solutions with a robust holding force of 300 LBS. Its fail-safe operation (Power to Lock) ensures safety while providing low power consumption and high efficiency. Ideal for a variety of access control applications, it includes optional features for enhanced functionality.

### Key Feature

High Holding Force:	300 lbs (180 kg) of holding force ensures secure locking for doors and drawers.
Fail-Safe Design:	Power-to-lock mechanism, meaning the lock engages when powered, ensuring security even during power failures.
Power Supply Options:	Operates on DC12V or DC24V (adjustable) for flexible installation.
Low Power Consumption:	Energy-efficient design with minimal noise during operation.
Durable Surface Treatment:	Special surface enhancement process that prevents rust and increases longevity.
Surge Protection:	Built-in surge absorber to prevent interference with access control readers.



### Secure Wooden Doors

Ideal for securing 90° wooden doors in homes, offices, and commercial spaces, providing reliable access control.

### Indoor Applications

Designed for indoor use in areas requiring robust security, such as storage rooms, office spaces, and private areas.

### Fail-Safe Security

Ensures doors and drawers remain locked during power failures, making it ideal for emergency exits and restricted areas.

### Access Control Systems

Compatible with various access control units, providing enhanced security integration for smart door solutions.

### Indoor Security

Ideal for securing 90° wooden doors and chest drawers in homes, offices, and commercial buildings.

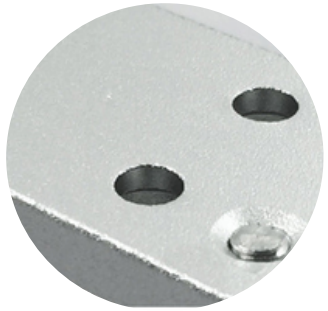
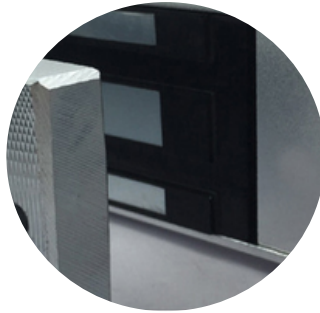


### Aluminium Housing

Shell with high strength alloy material. Anode hardening treatment.

### Reliable Holding Force

Steady attraction, with strong lineeat pulling force



### Long Time Service Life

Pass millions of tests. Lasting magnetic force, sustainable use for many years.

### Anti Theft System Design

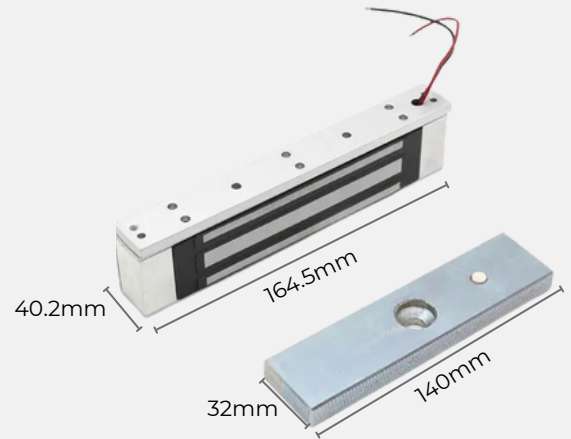
Adopting socket head cap screw, equipped with special spanner insurance against theft.



### Multiple Optional

60 KG to 500 KG, suitable for different environments. Equipped with many functions to choose from.

## Dimension



## Application

- Access Control Systems: Ideal for offices, schools, and other secure facilities.
- Commercial Buildings: Enhances door security in retail spaces and business centers.
- Residential Security: Provides reliable locking for main entrances and private areas.
- Emergency Exits: Suitable for fail-safe operations in emergency doors.

## Specification

Model Number:	XL -180
Holding Force:	300 lbs (180 kg)
Power Supply:	DC 12V or DC 24V ( $\pm 15\%$ )
Operation Current:	<ul style="list-style-type: none"><li>• 380mA @ 12VDC</li><li>• 190mA @ 24VDC</li></ul>
Operating Temperature:	$40 \pm 5^{\circ}\text{C}$ (Room temperature $30^{\circ}\text{C}$ )
Lock Status Sensor:	N.C. & N.O. Output (maximum load of 0.25A)
Dimensions:	Lock Body: 164.5mm (L) x 32mm (W) x 40.2mm (D)