



## Easy Installation Automatic Swing Gate Motor DC24V with Insulation Class F

Our Product Introduction

for more products please visit us on [automaticbarriersgates.com](http://automaticbarriersgates.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: CBG, CBG
- Model Number: 18A
- Minimum Order Quantity: 2 pieces
- Price: \$139.00/pieces 2-99 pieces

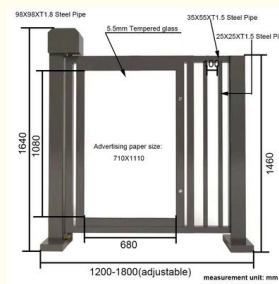
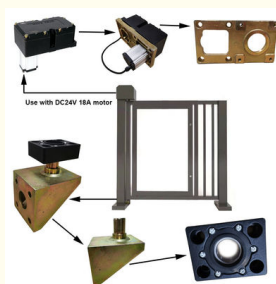


### Product Specification

- Warranty: 2 Years
- Voltage: DC24V
- Insulation Class: F
- Operation Lifetime: >=5 Million Times
- Output Power: 30W
- Feature: Durable
- Color: Optional
- Altitude: 1000M Or Lower
- Highlight: Automatic Swing Gate Motor,  
DC24V Swing Gate Motor,  
Insulation Class F Swing Gate Motor



### More Images



## Product Description

Easy Installation Automatic Swing Gate Motor with Insulation Class F and DC24V Voltage

## Company Profile

18A Advertising door

The brushless motor boasts a refined classification in terms of transmission, featuring stepless deceleration adjustment, rapid and gradual stopping capabilities, and the flexibility to customize the transition speed and idle time, all while maintaining low energy consumption. This motor is characterized by robust operational stability, ease of maintenance, minimal vibration, and low noise levels, along with impressive sealing properties and resistance to corrosion.

Equipped with a 90-degree flat door mechanism and an automatic control system, it ensures precise limitation and slows down as it approaches the target position to mitigate door collisions.

The chassis undergoes a three-tiered anti-rust treatment and anti-static UV blocking technology to ensure durability in outdoor environments, significantly enhancing its resistance to corrosion.

It supports a variety of signal inputs, including relay signals and voltage signals ranging from 5 to 24 volts.

The motor is protected against overcurrent, overload, and short circuit conditions.

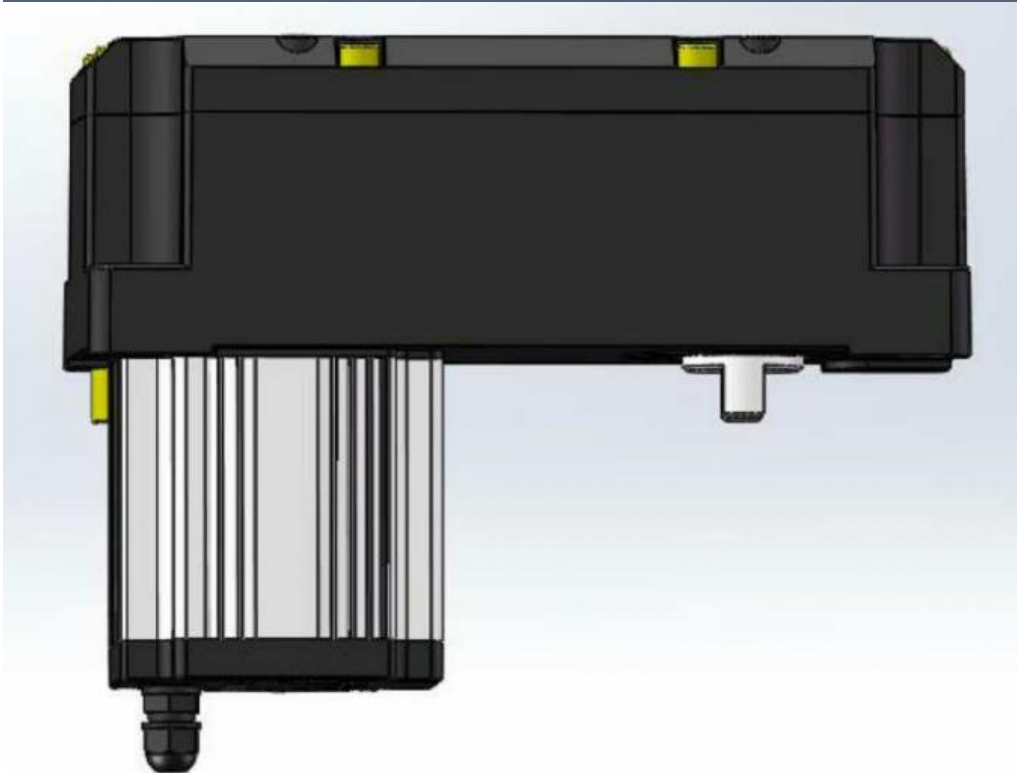
Intelligent blocking and push door reverse protection are also incorporated.

Applications span across various sectors such as hotels, educational institutions, community streets, construction sites, industrial parks, and logistics centers.

Shenzhen Chengbang Mechanical and Electrical Industry Co., Ltd. was established in 2010, located in Guangdong China. The factory with 50,000 square meter areas and more than 50 experienced employees which supply ability is 2000pcs per month. We are the professional manufacturer for vehicle entrance management system and equipment (Swinging door operating mechanism, Brush-less gate motor, DC brush-less single unit operating mechanism, Commercial gate operating mechanism and so on). We have strong scientific technology, first-class produced lines, advanced gear testing centers and high-precision advanced equipment, imported CNC gears which are ahead of our peers in terms of quality. In pursuit of high quality products, excellent reputation, continuous innovation and development and perfect after-care service, we d launched a series of diversified products.



## Products Description



Voltage: DC24V

Output Power: 30W

Current: 1.5A

Gate Operation Time: 3-6S

Insulation Class: F

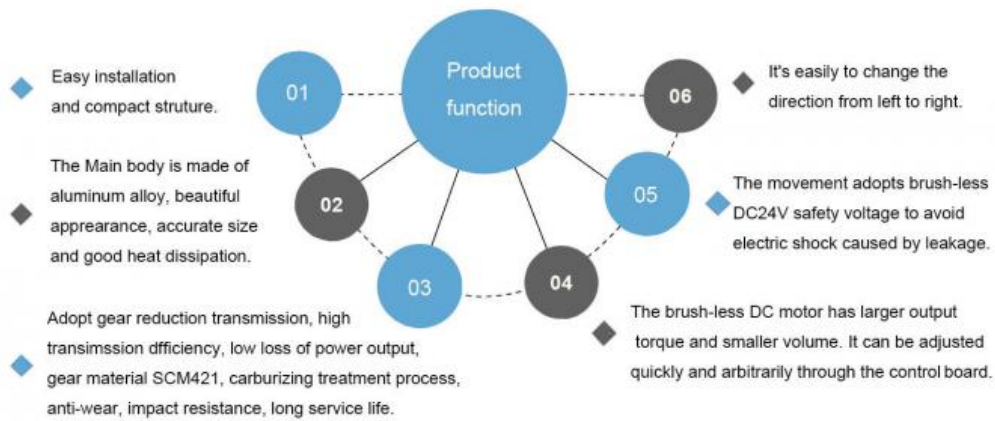
Operation Lifetime:  $\geq 5$  Million Times

Temperature Range:  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

Humidity: 85% or Lower

Altitude: 1000 Meter or Lower

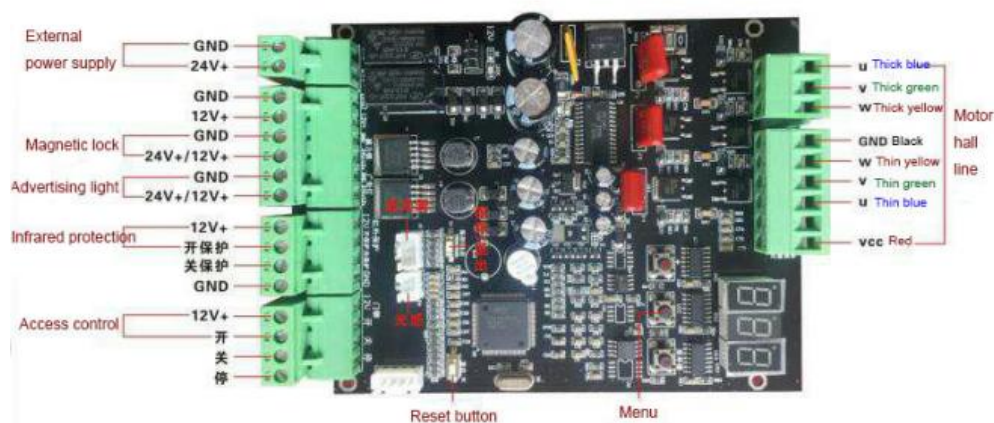
Applications: Mainly suited for controlling rapid response gates such as swing gates or barrier lift gates (single or double jointed)



## 18A accessory details



## 18A control board



Note: Chengbang motor wiring instructions



## The packaging of 18A unit motor



1. Cover with plastic and put the motor in the carton.



2. Seal the carton with tape

Single net weight: 5kg Single package carton size: 29.5X20.8X13.2CM Package Type: Carton or Wooden case

## Old and New Product's Difference

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### Before:

1) Worm gear, general appearance 2) The previous products use with Rv50 reducer and added the splint to compose the movement. The worm gear is a consumable product. After using a long time, there will be a large gap, the pole will be not stable and shake so will cause the gear reducer to grind. 3) The products mainly used with AC 220V motor, the fixed speed was not adjustable. 4) Open structure, a low degree of protection, easy to enter water. 5) AC220V. 6) During installation, needs to adjusted the magnet position to ensure the door opening angle. After a long time, the shaking will affect the limit position or the pole may be deviated downwards.



#### After:

1) Gear transmission structure, beautiful appearance, compact structure, strong overall sense. 2) The new products are tailor-made for this industry and the gear adopts the processing technology of worm grinding wheel grinding after heat treatment, fine rolling of hard alloy hob, etc., the accuracy grade  $\geq$  GB / T100951, 2-2001 7 level. 3)The new product uses with DC brushless motor to avoid the problem of carbon brush life. Adjustable speed. 4)The entire seal structure, high degree of protection ( $\geq$ IP55); have a rainproof capability. 5) DC24V(Safe voltage) 6) Installed the chassis, adjust the position automatically after power on, and adjust the angle of rising pole and falling pole at will.

#### Factory View



Assembly Equipment



Visit Factory



Exhibition

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Entreprise Qualification

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**CBG<sup>®</sup> Shenzhen Chengbang Electromechanical Industry Limited**

☎ +8615017905059    ✉ mok\_1szcb\_cbg@163.com    🌐 automaticbarriersgates.com

Qiantou Xinxing Industrial Zone, Niushan community, Dongcheng District, Dongguan City