



## Smart Parking System Boom Barrier Gate with 24V DC Motor and 6 Meter Boom Length

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: CBG, CBG
- Model Number: 18B
- Minimum Order Quantity: 2 sets
- Price: \$180.00/sets 2-99 sets

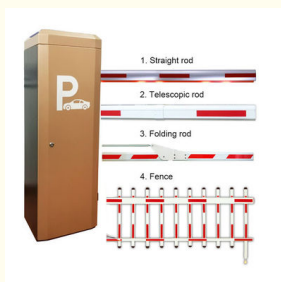


### Product Specification

- Max Length Of Boom: 6 Meter
- Voltage: DC24V
- Insulation Class: F
- Warranty: 2 Years
- Operation Lifetime: >=5 Million Times
- Output Power: 120W
- Feature: Durable
- Altitude: 1000M Or Lower
- Highlight: 24v dc boom barrier,  
24v dc automatic barrier gate,  
1000m boom barrier



### More Images



## Product Description

### Company Profile

#### Smart Parking System Durable Barrier Gate with 24V DC Motor and 6 Meter Boom Length

The boom barrier(also called a boom gate) is a device specifically designed for managing the entry and exit of motor vehicles on roads. It is widely used in highway toll stations and parking lot systems to manage vehicle access and manage the entry and exit of vehicles. The main function of a boom barrier gate is to restrict the passage of vehicles and ensure that only authorized vehicles can enter and exit.



#### Our advantages:

1. NO MOQ limit.
2. Customized LOGO.
3. 24 Hours delivery for stock
4. 2 Year warranties.
5. New model every year.

### Products Description



## 18B Motor Parameters

Voltage:DC24V	Output Efficiency:120W	Humidity:85% or lower
Insulation Class:F	Gate Operation Time:0.3-5S	Altitude:1000 Meter or lower
Current:6A	Operation Lifetime:>=5million times	Temperature Range:-40°C to +60°C (temperatures below -20°C require a heating element)

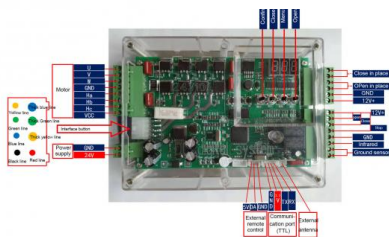
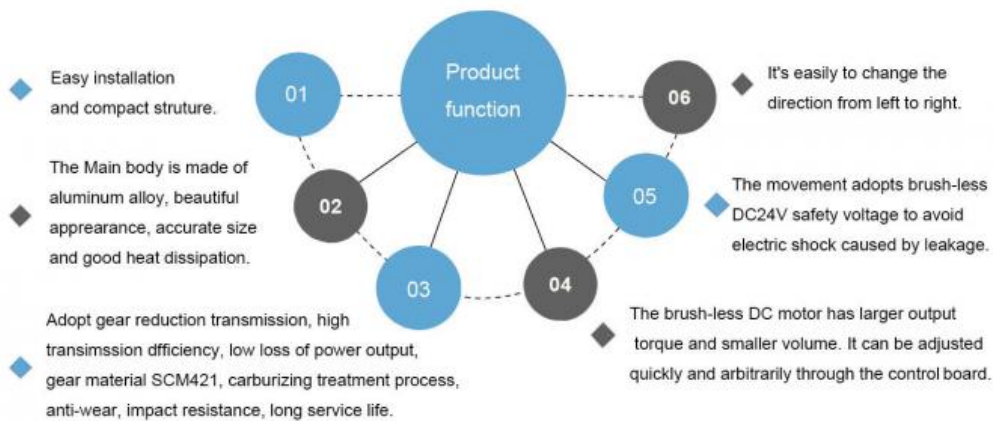
Applications: Generally suited for controlling gates leading to highways and expressways, as well as vehicle-plate reading systems for gated communities and commercial parking lots.

## Interior structure



## Functions & Features

CBG



Control Board



Power Supply

## 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.



## The packaging of 18B unit motor



1.Put polyurethane foam inside



2.Cover with plastic and put the motor into the carton



3.Seal the carton with tape

Single net weight about : 43KG(Don't include the boom arm)

Single package carton size: 108.5X38X34CM Package Type: Carton or Wooden case

## Factory View



## Assembly equipment



## Visit factory



Exhibition





Entreprise Qualification

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

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