



Brushless Motor Barrier Gate with Collision Avoidance Turnstile Function

Our Product Introduction

for more products please visit us on automaticbarriersgates.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: CBG, CBG
- Model Number: 21B-1.5S
- Price: \$288/pieces 1-49 pieces

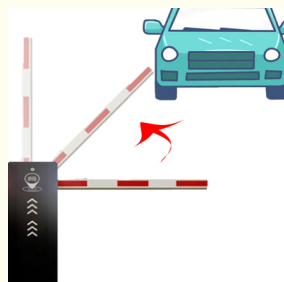


Product Specification

- Communication Interface: Rs485
- Barrier Open/close Time: 1.2s
- Access Control Type: Remote Control
- Turnstile Function: Collision Avoidance
- Barrier Motor: Brushless Motor
- Protection Level: Ip55
- Material: Aluminium Alloy
- Operation Direction: 1-way
- Warranty: 2 Years
- Voltage: DC24V
- Insulation Class: F
- Operation Lifetime: >=5 Million Times
- Output Power: 120W
- Feature: Durable
- Application: Black



More Images



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Product Overview

Single net weight: 16kg
Single package carton size: 38.5×20.8×25CM
Package Type: Carton or Wooden case

DC Brush-Less Single Unit Operating Mechanism >>>



Product Parameters

Voltage: DC24V
Output Efficiency: 120W
Current: 6A
Insulation Class: F
Gate Operation Time: 0.3~5s
Operation Lifetime: ≥ 5 million times

Working Environment

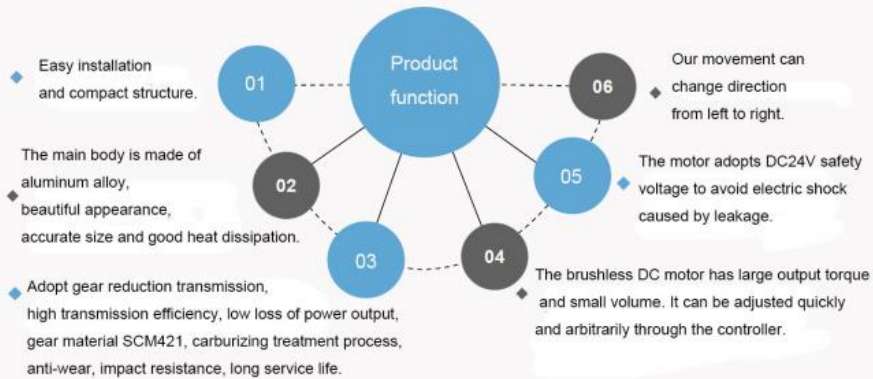
Temperature Range: -40°C~+60°C
[-40°F~+140°F]
(temperatures below -20°C/-4°F
require a heating element)
Humidity: 85% or lower
Altitude: 1000M or lower

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.

The function of CBG product

CBG[®]





The packaging of 18B unit motor



1.Put polyurethane foam inside



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



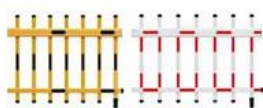
3.Seal the carton with tape

18B-2.5S(Champagne gold)

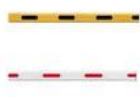


Device parameters:

- 1.Chassis size:270*330*1020mm
- 2.Mtor output power:150w
- 3.Work voltage:24v
- 4.Insulation level:F level
- 5.Running speed:0.3-6S adjustable
- 6.color:black,sliver,red,yellow,gray
- 7.support pole length:1-6m straight pole
1-4.5m fence



Opertional colors:2

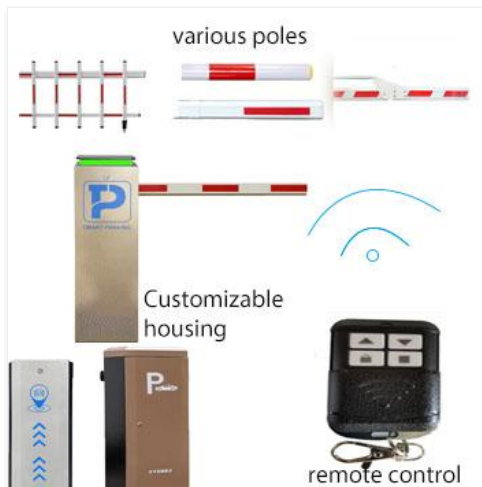


Opertional colors:2
support:1-6m pole length

Advantages:

- Use DC brushless motor
- Open speed can be adjustable
- Adjustable fence width(2.5-6m)





Product Comparison: Old vs New Design

Previous Design



Worm gear, general appearance

Used RV50 reducer with splint assembly - prone to wear and instability over time

AC 220V motor with fixed, non-adjustable speed

Open structure with low protection (IP rating)

Required manual magnet adjustment for door opening angle

Improved Design



Gear transmission structure with compact, aesthetically pleasing design

Precision gear processing with accuracy \geq GB/T100951, 2-2001 7 level

DC brushless motor with adjustable speed settings

Fully sealed structure with IP55 protection and rainproof capability

Safe DC24V operation

Automatic position adjustment after power on with customizable angles

Manufacturer Information



Shenzhen Chengbang Mechanical and Electrical Industry Co., Ltd. was established in 2010, located in Guangdong, China. Our 50,000 square meter factory employs over 50 experienced staff with a production capacity of 2000 units per month.

We specialize in vehicle entrance management systems including swinging door operating mechanisms, brushless gate motors, DC brushless single unit operating mechanisms, and commercial gate operating mechanisms.

Our facility features advanced production lines, precision testing centers, and high-precision equipment including imported CNC gears, ensuring superior product quality in our industry.







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